

**HUNTERS POINT SHIPYARD**  
**RESTORATION ADVISORY BOARD MEETING MINUTES**  
**24 JUNE 2004**

These minutes summarize the discussions and presentations from the Restoration Advisory Board (RAB) meeting held from 6:00 P.M. to 8:00 P.M., Thursday, 24 June 2004 at Dago Mary's Restaurant (Building #916 at the Shipyard). A verbatim transcript was also prepared for the meeting and is available in the Information Repository for Hunters Point Shipyard (HPS) and on the Internet at [www.efds.w.navy.mil/Environmental/HuntersPoint.htm](http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm). The list of agenda topics is provided below. Attachment A provides a list of attendees. Attachment B includes action items that were requested and/or committed to by RAB members during the meeting and all of the 24 June 2004 RAB meeting handouts.

**AGENDA TOPICS:**

- 1) Welcome/Introductions/Agenda Review
- 2) Approval of Meeting Minutes from 27 May 2004 RAB Meeting
- 3) Navy Progress on Cleaning Up Groundwater Beneath Buildings 123 and 272
- 4) RAB Community Co-chair Election
- 5) Discussion of RAB Subcommittee Structure
- 6) Subcommittee Reports
- 7) Future Agenda Topics/Open Question & Answer
- 8) Adjournment

**MEETING HANDOUTS:**

- Agenda for 24 June 2004 RAB
- Meeting/Minutes from 27 May 2004 RAB Meeting
  - Includes: Action Items from 27 May 2004 RAB Meeting; and
  - Table 1, RAB Roll-Call Sheet
- Monthly Progress Report, May 2004
- PowerPoint Presentation, NAVFAC, Basewide Zero-Valent Iron (ZVI) Injection Treatability Study Update, 24 June 2004
- Meeting Minutes, HPS RAB, Economic Subcommittee, 01 June 2004 (w/attachment)
- Meeting Minutes, HPS RAB, Membership/Bylaws & Community Outreach Subcommittee, 09 June 2004 (w/attachment)
- Meeting Minutes, HPS RAB, Lowman Radiological Subcommittee, 23 June 2004

**Welcome / Introductions / Agenda and Meeting Minutes Review**

Marsha Pendergrass, facilitator, called the meeting to order at 6:00 P.M. All in attendance made self-introductions. Ms. Pendergrass began the meeting and asked if there were any changes to the minutes; of which there were none. Ms. Pendergrass called for a motion to approve the amended meeting minutes and the minutes were approved.

Ms. Pendergrass reviewed the Action Items contained in the May minutes and asked for a status of each item. All three items were carried-over.

**Navy and Community Co-Chair Reports/Other Announcements**

Keith Forman, Navy RAB Co-Chair, showed some photographs of the ammunition storage bunker on Parcel A that some RAB members had asked about going on a field trip to see. He

1 said the bunker is very small and unimpressive and probably did not warrant a field trip.  
2 Mr. Forman said the bunker was originally used to store small-caliber ammunition but it is  
3 currently empty. He said the interior dimensions of the bunker is roughly 5 feet high by maybe 6  
4 or 7 feet wide by one or two feet deep. The bunker is constructed of cinder block and an earthen  
5 berm. Mr. Forman concluded the photo presentation and asked if there was still interest in a field  
6 trip. Jesse Mason, RAB member, said he thought there was a large, cavernous bunker somewhere  
7 under the hill. He said it was his understanding that it was this much larger bunker that the RAB  
8 wanted to see first-hand. Mr. Forman replied that there is no record of any such structure on the  
9 Shipyard. Jim Ansbro, attendee, said that there are a set of large doors imbedded in the hill just  
10 behind Building 813. Mr. Forman replied that there is a large concrete retaining wall behind  
11 Building 813, but no doors or bunker. He added that perhaps Mr. Ansbro and some RAB  
12 members would like to accompany him during the break later in the meeting to make a quick  
13 reconnaissance to investigate the area behind Building 813.

14 Lynne Brown, RAB Community Co-Chair, had no announcements.

15 **Reminder: The next RAB meeting will be held from 6:00 to 8:00 P.M., Thursday evening,**  
16 **22 July 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.**

#### 17 **Navy Progress on Cleaning Up Groundwater Beneath Buildings 123 and 272**

18 Ryan Ahlersmeyer, Navy Remedial Project Manager, said he would update the RAB on the  
19 efforts the Navy has made in cleaning up the groundwater at the Shipyard, and in particular,  
20 highlight some treatability studies using zero-valent iron (ZVI) to remediate trichloroethene  
21 (TCE) contamination. He said two ZVI treatability studies have been completed, one on Parcel C  
22 at Building 272 and a second on Parcel B at Building 123.

23 Mr. Ahlersmeyer began by explaining treatability studies. He said they are small-scale projects  
24 used to provide site-specific data to evaluate cleanup alternatives. Because all sites are different,  
25 treatability studies allow the Navy to test proven cleanup technologies at Shipyard sites to  
26 evaluate their effectiveness before committing to full-scale cleanup projects. They also allow the  
27 Navy to test new and innovative cleanup technologies and gather valuable data. Mr. Ahlersmeyer  
28 said the Navy has used many treatability studies at the Shipyard, including soil vapor extraction,  
29 bioremediation, and ZVI.

30 Mr. Ahlersmeyer next focused on explaining the ZVI injection process. Zero-valent iron is  
31 simply very pure, elemental iron. It has a very irregular shape which is important because the  
32 large surface area maximizes the reaction with the contaminant. The process of using ZVI is  
33 fairly simple, Mr. Ahlersmeyer explained. He said the process begins by drilling a boring in the  
34 ground near the contamination and injecting nitrogen gas under pressure. The injected nitrogen  
35 gas causes small fractures in the surrounding formation, making space in the soil and creating  
36 pathways for the iron to react with the contamination. When the ZVI is then injected into the  
37 ground, it flows into these spaces and pathways and reacts almost instantaneously with the TCE.  
38 Mr. Ahlersmeyer showed a short animation of the nitrogen gas injection creating the small  
39 fractures in the formation. A second animation showed the ZVI being injected into the borehole  
40 and flowing into the fractures.

41 Mr. Ahlersmeyer then explained the two ZVI injection treatability studies that were conducted at  
42 the Shipyard. The first study was at Building 272 where the groundwater was contaminated by a  
43 small TCE plume. The Navy used 4 boreholes and approximately 16,000 pounds of ZVI for this  
44 project, which followed the above-described process. In addition, the Navy conducted  
45 groundwater sampling to monitor the decrease in contamination and to track any movement in  
46 the plume as a result of the injection. Mr. Ahlersmeyer showed a contour map of the TCE

1 contamination before injection, with the highest concentration greater than 50,000 micrograms  
2 per liter (µg/L). Post-injection, the hot spot was only 500 µg/L, for an average reduction of TCE  
3 greater than 99 percent. He said the treatability study was considered a success.

4 The second treatability study was at Building 123 and was on a larger scale. For this project, the  
5 Navy used 37 boreholes and approximately 130,000 pounds of ZVI. Groundwater monitoring  
6 was also used to monitor contamination and track any movement in the plume. Another  
7 difference is that the TCE plume at this site was much more dilute than at Building 272. The  
8 post-injection results also showed a decrease in concentration but not as dramatically as Building  
9 272. Mr. Ahlersmeyer said the average reduction was 35 percent, which is still successful and  
10 provided very useful data.

11 Since the initial demonstration at Building 272, subsequent university research suggests that a  
12 second round of ZVI injection will further reduce the residual contaminant concentrations. The  
13 Navy is planning on returning to Building 272 to conduct a second round of injections.  
14 Mr. Ahlersmeyer said three additional boreholes were installed last week and the ZVI injection is  
15 planned to start June 28, 2004, and last between 2 and 4 weeks. Post-injection monitoring will  
16 commence on August 9<sup>th</sup> with additional rounds to follow if necessary. Mr. Ahlersmeyer  
17 concluded his presentation by stating that the results of the treatability study will ultimately help  
18 the Navy, the regulators, and the community evaluate different cleanup alternatives to be  
19 selected and incorporated in the Record of Decision.

20 Ms. Pendergrass opened the floor to questions. Amy Brownell, RAB member San Francisco  
21 Department of Public Health, asked what the TCE breaks-down into. Mr. Ahlersmeyer replied  
22 that the byproducts of the reaction are ethane and ethene, which readily dissolve in water.

23 Karen Pierce, RAB member, asked about the health ramifications of all the iron injected into the  
24 ground and if there have been any studies to look at possible health effects. Mr. Ahlersmeyer  
25 agreed that injecting the iron changes the underground conditions but that iron is a very common  
26 chemical in the environment. Pat Brooks, Navy Lead Remedial Project Manager, added that the  
27 serpentinite rock underlying much of the Shipyard is already an iron-rich rock and the injection  
28 of the ZVI is fairly minor in comparison. Mr. Ahlersmeyer said he was unaware of any studies  
29 looking at the health effects of iron injection, but that iron is a nutrient and is not normally  
30 considered a contaminant.

31 Maurice Campbell, RAB member, asked if the Navy has seen any rebound in contaminant  
32 concentrations since the initial injections. Mr. Ahlersmeyer replied that there is evidence of a  
33 small amount of rebound but the Navy does not believe that there is any continuing source of  
34 contamination present in either of the two areas. He added that the Navy will continue  
35 monitoring the groundwater concentrations as part of the treatability study data. The follow-on  
36 rounds of ZVI injection at Building 272 is also part of the Navy's efforts to treat the  
37 contamination and any rebound.

38 Raymond Tompkins, RAB member, said that ethane and ethene are flammable chemicals and  
39 asked if the treatability study might be a contributing factor to fires at the Shipyard.  
40 Mr. Ahlersmeyer replied that the levels of ethane and ethene that are being generated are very  
41 low and the chemicals readily dissolve in water, therefore they are unlikely to contribute in any  
42 way to fires at the Shipyard. Mr. Tompkins also asked if the residual iron might have a  
43 synergistic effect with other chemicals present in the soil and if studies have been conducted to  
44 look for those possible effects. Mr. Ahlersmeyer restated that he did not know of any studies that  
45 looked at the health effects of the residual iron combining with ambient chemicals. He added that  
46 reactive iron technology has been tested at many other sites around the country and has been  
47 widely accepted by regulators.

1 Ms. Pierce commented that in the future there is the possibility that San Francisco may be  
2 required to reduce its dependence on water from the Hetch Hetchy reservoir and look to  
3 domestic groundwater sources to meet its needs. With that in mind, she said the Navy might be  
4 polluting a future drinking water source by injecting so much iron. Mr. Ahlersmeyer replied that  
5 the groundwater is currently designated as “not a drinking water source” and is contaminated  
6 with TCE. The fact remains that the ZVI injection technology is reducing the TCE  
7 contamination.

8 Clifton Smith, attendee, asked if bench-scale tests were done at the Shipyard prior to the  
9 treatability studies and how far down into the groundwater the ZVI was injected.  
10 Mr. Ahlersmeyer replied that numerous bench-scale tests were done on this technology but not at  
11 the Shipyard. The site-specific test is the treatability study. Mr. Brooks answered that he was  
12 directly involved with the first treatability study and did not remember the exact depth of the  
13 injection. He said the groundwater contamination was initially characterized before any iron  
14 injection and the first injection was below the TCE plume to act as a “treatment blanket” to  
15 isolate the contamination and keep it from migrating deeper into the aquifer.

16 Barbara Bushnell, attendee, commented that iron is used by red blood cells in the human body  
17 and is an essential element. She added that in this cleanup demonstration, once the iron reacts  
18 with the TCE and combines with the chlorine and oxygen molecules it is very stable and unlikely  
19 to pose a health threat.

## 20 **RAB Community Co-chair Election**

21 Ms. Pendergrass opened the floor to the election of the RAB Community Co-chair. She  
22 explained that only the community RAB members are eligible to vote in this election and that all  
23 four candidates are listed on the ballot. She instructed the RAB to select one and only one  
24 candidate from the list; Maurice Campbell, J.R. Manuel, Ahimsa Sumchai, and Keith Tisdell.  
25 Dr. Sumchai withdrew her nomination before the election and Ms. Pendergrass instructed the  
26 RAB to strike a line through her name on the ballot and the results would be tabulated during the  
27 break and announced later in the meeting.

28 Break called at 7:00 P.M. Ms. Pendergrass called the meeting back to order at 7:10 P.M.

## 29 **Subcommittee Updates**

### 30 **Risk Review and Health Assessment Subcommittee (Karen Pierce, Leader)**

31 Ms. Pierce had no report.

32 Ms. Pierce said the next meeting of the subcommittee will be determined at a later date.

### 33 **Technical Review Subcommittee (Lea Loizos, Leader)**

34 Lea Loizos, RAB member, said the subcommittee had a meeting but there were no RAB  
35 members in attendance. No meeting minutes were prepared. Ms. Loizos said she had prepared to  
36 talk about time-critical removal actions (TCRA), their use in CERCLA cleanup, and whether  
37 they have been used properly at the Shipyard.

38 Ms. Loizos said that the Technical Review Subcommittee will meet at 6:00 P.M., July 13<sup>th</sup>, at the  
39 Community Window on the Shipyard, 4634 Third Street.

### 40 **Lowman Radiological Subcommittee of the Hunters Point Shipyard RAB (Ahimsa Sumchai, Leader)**

41 Ahimsa Sumchai, RAB member, said the subcommittee met yesterday and was very well  
42 attended. The focus of the discussion was the Formerly Utilized Defense Sites (FUDS).  
43 Dr. Sumchai said abbreviated meeting minutes were prepared and e-mailed to RAB members

1 earlier in the day. The main points Dr. Sumchai highlighted was that the FUDS sites are  
2 important because the draft final Historical Radiological Assessment (HRA) recommends that  
3 they undergo scoping surveys but the Army Corps of Engineers (ACOE) is not in full agreement  
4 with this recommendation. Dr. Sumchai said that Gerry Vincent, ACOE, and Laurie Lowman,  
5 Navy Radiological Affairs Support Office, will be at the August RAB meeting to discuss the  
6 FUDS sites issues.

7 Dr. Sumchai also said that Mr. Campbell has some historical photographs that suggest there were  
8 some additional D-series Quonset huts in the current Mariner's Village that may have been used  
9 for National Radiological Defense Laboratory (NRDL) laboratories.

10 The next meeting of the Lowman Radiological Subcommittee of the Hunters Point Shipyard  
11 RAB will be 3-5:00 P.M., July 21<sup>st</sup>, at The Greenhouse, located at 4919 Third Street, at Palou.

#### 12 Economic Development Subcommittee (Maurice Campbell, Leader)

13 Mr. Campbell briefly summarized the subcommittee meeting and said meeting minutes are  
14 available as a handout. He highlighted the fact that 18 people attended the HAZWOPER training.  
15 He said the handout also shows the new contracts that were awarded in May.

16 Mr. Campbell said the next meeting of the subcommittee will be at 2:30 P.M., July 6<sup>th</sup>, at the  
17 Anna Waden Library.

#### 18 Membership, Bylaws & Community Outreach Subcommittee (Melita Rines, leader)

19 Melita Rines, RAB member, said meeting minutes of the last subcommittee meeting are  
20 available as a handout. She said the meeting was well attended and the majority of the meeting  
21 was spent discussing proposed revisions to the HPS RAB Bylaws. Copies of the Bylaws with the  
22 proposed revisions were handed out to all the RAB members for their review and comment.  
23 Ms. Rines briefly discussed each item proposed for revision and explained the logic behind each  
24 proposed change. Ms. Pendergrass said that detailed discussion or further revisions should be  
25 taken up at the next subcommittee meeting.

26 Ms. Rines had a motion from the subcommittee related to a former RAB member who was  
27 removed from the RAB due to absences and has since reapplied. She made a motion to accept  
28 Barbara Bushnell. Ms. Pendergrass closed the discussion and called for a vote to accept  
29 Ms. Bushnell back onto the RAB. The motion carried.

30 Expanding on the Bylaw revision process, Ms. Pendergrass said that proposed changes to the  
31 Bylaws must be distributed in writing to the RAB prior to the vote at the September RAB  
32 meeting. She asked if these proposed revised Bylaws were being officially submitted for the vote  
33 in September. Ms. Rines said these are only a draft.

34 There were questions by some of the RAB members about the proposed changes and their  
35 implications. Ms. Pendergrass stressed that the proper place for in-depth discussion about the  
36 proposed revisions is the next subcommittee meeting and closed the discussion.

37 The next meeting of the Membership, Bylaws & Community Outreach Subcommittee will be  
38 6:30 P.M., July 14<sup>th</sup>, at the Anna Waden Branch Library.

#### 39 Discussion of RAB Subcommittee Structure

40 Ms. Rines said that one of the proposed Bylaws revisions concerns subcommittees and possible  
41 restructuring. Ms. Pendergrass segued into the final item on the Agenda and opened the floor for  
42 discussion. Ms. Rines said that some of the suggestions she's received include condensing some  
43 of the subcommittees or holding all subcommittee meetings on the same day or two days. She  
44 also said there is a suggestion to limit the duration of Ad-hoc Subcommittees to 12 months.

Ms. Pierce made a motion to combine the Risk Review and Health Subcommittee with the Lowman Radiological Subcommittee. Ms. Pendergrass asked Dr. Sumchai if she was receptive to combining the two subcommittees, and she replied that she was. Further discussion identified that the merger would automatically upgrade the Ad-hoc Radiological Subcommittee to a full, standing subcommittee. Ms. Pendergrass called for a vote on the motion and it carried.

### **RAB Community Co-chair Election Results**

Ms. Pendergrass announced that Maurice Campbell had received the majority of the votes and was elected Community Co-chair. In recognition of the departing Community Co-chair, Mr. Forman thanked Mr. Brown for his service to the community and presented him with a Certificate of Appreciation plaque.

### **Future Agenda Topics**

Aside from the standard agenda topics and subcommittee updates, there were no additional agenda topics suggested.

### **Other Discussions/Topics**

The following items were also discussed at the RAB meeting. A verbatim account of these discussions is included in the Information Repository for HPS and may also be found on the HPS web page at [www.efds.w.navy.mil/Environmental/HuntersPoint.htm](http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm)

- Mr. Forman announced that there will be a transition in the community relations support contract for the RAB. He said that Innovative Technical Solutions, Inc. (ITSI) will no longer be supporting the Navy and the RAB. He thanked Ronald Keichline and Debra Moore of ITSI for their support. He then announced that SulTech will support the Navy and the RAB in the future and he introduced Carolyn Hunter, John Adams, and Tommie Jean Damrel.
- Mr. Forman said that the Navy will no longer provide refreshments at future RAB meetings. He explained that there are Navy regulations against serving food and beverages at RAB meetings. He said he would work with the new Community Co-chair to look for ways to adapt to the new circumstances.
- Mr. Tompkins asked for an update on the field trip request to the ammunition bunker. Mr. Forman replied that during the break earlier in the evening a number of RAB members accompanied him to the area behind Building 813. They confirmed that the concrete wall was a retaining wall – no large metal doors or bunker was present.
- Ms. Loizos made a motion to have a field trip to view the ZVI injection treatability study site. The motion carried. Ms. Pendergrass asked that Mr. Forman schedule a field trip as a follow-up Action Item.
- Speaking about treatability studies, Mr. Tompkins asked for a presentation related to the potassium permanganate treatability study that was accidentally discharged to the San Francisco Bay a couple of years ago. He said he does not recall reading any final report explaining how the potassium permanganate got into the drain system, nor how successful the treatability study was. Mr. Forman replied that he would look into it. Ms. Pendergrass suggested that it be discussed at the subcommittee level since it was an older topic.

There were no further announcements. The meeting was adjourned at 8:00 p.m.

1 **Reminder: The next RAB meeting will be held from 6:00 to 8:00 P.M., Thursday evening,**  
2 **22 July 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.**

ATTACHMENT A

24 JUNE 2004 - RAB MEETING  
LIST OF ATTENDEES

Name	Association
1. Christine M. Niccoli	Niccoli Reporting, court reporter
2. Marsha Pendergrass	Pendergrass & Associates
3. Keith Forman	<b>Navy, RAB Co-chair</b>
4. Pat Brooks	Navy, Lead Remedial Project Manager
5. Ryan Ahlersmeyer	Navy, Remedial Project Manager
6. Ralph Pearce	Navy
7. Lee Saunders	Navy, Public Affairs Office (PAO)
8. Peter Stroganoff	Navy, ROICC Office
9. Lynne Brown	<b>RAB Community Co-chair</b> , Communities for a Better Environment, CFC
10. Lani Asher	RAB member, CBE, CFC
11. Maurice Campbell	RAB member, BDI, CFC, New California Media
12. Charles Dacus	RAB member, R.O.S.E.S.
13. Rodney Hampton, Jr. *	Alternate for RAB member Chris Hanif
14. Mitsuyo Hasegawa	RAB member, JRM Associates
15. Lea Loizos	RAB member, ARC Ecology
16. J.R. Manuel	RAB member, JRM Associates
17. Jesse Mason	RAB member, CFC
18. James Morrison	RAB member, Environmental Technology, ROSES
19. Karen Pierce	RAB member, BVHP Democratic Club, HEAP
20. Melita Rines	RAB member, India Basin Neighborhood Association
21. Sam Ripley	RAB member, Samoan American Media Services
22. Ahimsa Sumchai	RAB member, BVHP Health and Environmental Resource Center
23. Keith Tisdell	RAB member, resident
24. Raymond Tompkins	RAB member, BVHP Coalition on the Environment
25. Leilani Wright	RAB member, JRM Associates
26. Amy Brownell	RAB member, SF Dept of Public Health
27. Jackie Lane	RAB member, US EPA
28. Jim Ponton	RAB member, Regional Water Quality Control Board
29. Michael Work	RAB member, US EPA
30. Arvind Acharya	Innovative Technical Solutions, Inc (ITSI)
31. John Adams	Tetra Tech EM Inc
32. A. Andraychak	SF Police Department, Bayview
33. James Ansbro	Resident
34. Paul Bouchard	Industrial Metals Corp
35. Michael Boyd	CARE/EMU
36. Barbara Bushnell	ROSES, Silverview Terrace Homeowners Association
37. Don Capobres	San Francisco Redevelopment Agency
38. Steve Chen	ARS Technologies
39. Craig Cooper	Presidio Trust
40. Tommie Jean Damrel	Tetra Tech EM Inc
41. Benjamin Feick	Waste Solutions Group
42. Frank Filice	San Francisco Dept of Public Works
43. Miguel Galarza	Yerba Buena Engineering & Construction, Inc
44. Rene Gonzalvez	Alpha & Omega Evangelistic Ministries
45. Rodney Hampton	YCD
46. Rodney Hampton, Jr.	YCD
47. Carolyn Hunter	Tetra Tech EM Inc



48. Espanola Jackson	Muwerkma Ohlone, BVHP
49. Nyemah Jones	YCD
50. Ronald Keichline	Innovative Technical Solutions, Inc
51. Quijuan Maloof	Pendergrass & Associates
52. Gwendolyn Markham	SFERS
53. C. Martinez	SF Police Department, Bayview
54. Debra Moore	Innovative Technical Solutions, Inc
55. Sherlina Nageer	Literacy for Environmental Justice
56. Danielle Pacifico-Cogan	Office of Congresswoman Nancy Pelosi
57. Tupu Peniamina	All Islanders Gather As One
58. Dennis Robinson	Shaw Environmental & Infrastructure, Inc
59. Clifton Smith	C.J. Smith & Associates, Eagle Environmental Construction
60. Julia Vetromile	Tetra Tech EM Inc

ATTACHMENT B

24 JUNE 2004 - RAB MEETING  
ACTION ITEMS

Item No.	Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
Carry-Over Items				
1.	Navy to notify David Terzian and Navy Caretaker Site Office prior to removal of AMC's cranes at Dry Dock 4	TBD	Navy/ Keith Forman	
2.	M. Work to report to the Radiological/Health Risk Subcommittee about which studies went into establishing the PRGs for manganese	July Subcommittee Meeting	EPA/ Michael Work	
3.	RAB would like the Navy to consider arranging a field trip to view the former ammunition storage bunker located under the hill	TBD	Navy/Keith Forman	Resolved during RAB meeting break on 24 June 04
New Items				
1.	Navy to arrange a field trip for RAB to view the zero-valent iron (ZVI) treatability study site	TBD	Navy/Keith Forman	ZVI fieldwork will commence mid-August; then the RAB and <b>BCT will be invited to a field trip</b>

**HUNTERS POINT SHIPYARD  
RESTORATION ADVISORY BOARD (RAB) - MEETING AGENDA  
THURSDAY, 24 JUNE 2004**

**Day/Date:**  
Thursday – 24 June 2004  
**Time:**  
6:00 p.m. to 8:00 p.m.

**Location:**  
Dago Mary's Restaurant  
Hunters Point Shipyard  
Building # 916  
San Francisco

<b>Facilitator:</b>		<b>Marsha Pendergrass</b>
<b>Time</b>	<b>Topic</b>	<b>Leader</b>
6:00 p.m. – 6:05 p.m.	Welcome/Introductions/Agenda Review	Marsha Pendergrass <i>Facilitator</i>
6:05 p.m. – 6:15 p.m.	Approval of Meeting Minutes from 27 May 2004 RAB Meeting • Action Items	Marsha Pendergrass
6:15 p.m. – 6:20 p.m.	Navy Announcements	Keith Forman <i>Navy Co-chair</i>
	Community Co-chair Report/Other Announcements	Lynne Brown <i>Community Co-chair</i>
6:20 p.m. – 6:55 p.m.	Navy Progress on Cleaning Up Groundwater Beneath Buildings 123 and 272	Ryan Ahlersmeyer
6:55 p.m. – 7:05 p.m.	<b>BREAK</b>	
7:05 p.m. – 7:15 p.m.	RAB Community Co-chair Election	Marsha Pendergrass
7:15 p.m. – 7:30 p.m.	Discussion of RAB Subcommittee Structure (as requested by RAB at May RAB meeting)	Marsha Pendergrass
7:30 p.m. – 7:50 p.m.	Subcommittee Reports	Subcommittee Leaders
7:50 p.m. – 8:00 p.m.	Future Agenda Topics/ Open Question & Answer	Marsha Pendergrass
8:00 p.m.	Adjournment	Marsha Pendergrass

HPS web site: <http://www.cfdsw.navy.mil/Environmental/HuntersPoint.htm>

RAB Navy Contact: Mr. Keith Forman (619) 532-0913 or (415) 308-1458  
keith.s.forman@navy.mil

**- - - P U B L I C N O T I C E - - -**  
**H U N T E R S P O I N T S H I P Y A R D**  
**Restoration Advisory Board Meeting**

♦ ♦ ♦  
**6:00 P.M. - 8:00 P.M.**

**Thursday, June 24, 2004**

**Dago Mary's Restaurant**

**Hunters Point Shipyard, Building #916**  
**San Francisco**

The Restoration Advisory Board (RAB) is composed of concerned citizens and government representatives involved in the environmental cleanup program at Hunters Point Shipyard. Community participation and input is important and appreciated. The purpose of this meeting is to present the community with the current status and future cleanup schedule for Hunters Point Shipyard and to address the concerns of the entire community.

***The interested public is welcome!***

♦ ♦ ♦

*For more information about this meeting and the Installation Restoration Program at Hunters Point Shipyard, please contact:*

Mr. Keith Forman, BRAC Environmental Coordinator  
Southwest Division Naval Facilities Engineering Command  
1230 Columbia Street, Suite 1100, San Diego, CA 92101  
(619) 532-0913 or (415) 308-1458

**HUNTERS POINT SHIPYARD**  
**RESTORATION ADVISORY BOARD MEETING MINUTES**  
**27 MAY 2004**

These minutes summarize the discussions and presentations from the Restoration Advisory Board (RAB) meeting held from 6:00 P.M. to 8:10 P.M., Thursday, 27 May 2004 at Dago Mary's Restaurant (Building #916 at the Shipyard). A verbatim transcript was also prepared for the meeting and is available in the Information Repository for Hunters Point Shipyard (HPS) and on the Internet at [www.efds.w.navy.mil/Environmental/HuntersPoint.htm](http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm). The list of agenda topics is provided below. Attachment A provides a list of attendees. Attachment B includes action items that were requested and/or committed to by RAB members during the meeting.

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- 5) Update on HPS Radiological Program
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- Meeting Minutes, HPS RAB, Membership/Bylaws & Community Outreach Subcommittee, 12 May 2004 (w/attachment)
- Meeting Minutes, HPS RAB, Technical Review Subcommittee, 13 April 2004
- Meeting Minutes, HPS RAB, Technical Review Subcommittee, 18 May 2004 (w/attachment)
- Letter from ARC Ecology to Keith Forman, Draft Final Finding of Suitability to Transfer Parcel A, 24 May 2004
- Letter from ARC Ecology to Lynne Brown, Response to Lynne's e-mail regarding ARC Ecology's alleged conflict of interest, 26 May 2004
- Handout, Project Fact Sheet, Bayview Transportation Improvements Project
- Handout, Cancer Risks and Hazard Indices, IR 59-JAI, Parcel A -2002 PRGs
- Handout, Summary of Waste Consolidation at HPS, 27 May 2004
- Handout, Draft Revised Proposed RAB Rule, January 2004

**Welcome / Introductions / Agenda and Meeting Minutes Review**

Marsha Pendergrass, facilitator, called the meeting to order at 6:00 P.M. All in attendance made self-introductions. Ms. Pendergrass began the meeting and asked if there were any changes to the minutes; of which there was one. Melita Rines, RAB member, said the minutes incorrectly state that the artist's studio that caught fire was behind Café Lola's, when in fact it was next to Café

1 Lola's. Ms. Pendergrass called for a motion to approve the amended meeting minutes and the  
2 minutes were approved.

3 Ms. Pendergrass reviewed the Action Items contained in the April minutes and asked for a status  
4 of each item. Two of the items were carried-over (see Attachment B) and the remainder of the  
5 action items were resolved to the satisfaction of the RAB.

#### 6 **Navy and Community Co-Chair Reports/Other Announcements**

7 Keith Forman, Navy RAB Co-Chair, announced that on June 2<sup>nd</sup> the Technical Review  
8 Subcommittee will be discussing a time-critical removal action (TCRA). He requested that RAB  
9 members and community members try and attend that meeting. He also said that many  
10 subcommittee leaders have noted declining attendance in recent months. He asked for input on  
11 how to improve attendance at subcommittee meetings.

12 Lynne Brown, RAB Community Co-Chair, had no announcements.

13 **Reminder: The next RAB meeting will be held from 6:00 to 8:00 P.M., Thursday evening,**  
14 **24 June 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.**

#### 15 **Subcommittee Updates**

##### 16 **Technical Review Subcommittee (Lea Loizos, Leader)**

17 Lea Loizos, RAB member, said the subcommittee met in May and meeting minutes from April  
18 and May are available as a handout. The tech subcommittee discussed the draft interim landfill  
19 gas monitoring and control plan and developed recommendations. Ms. Loizos briefly  
20 summarized the recommendations for the RAB. The subcommittee's recommendations are  
21 included in the meeting minutes. Ms. Loizos made a motion that the RAB approve the Technical  
22 Review Subcommittee's recommendations and forward them to the Navy. The motion carried.

23 Ms. Loizos said that the Technical Review Subcommittee will meet at 6:00 P.M., June 2<sup>nd</sup>, at the  
24 Community Window on the Shipyard, 4634 Third Street.

##### 25 **Economic Development Subcommittee (Maurice Campbell, Leader)**

26 Maurice Campbell, RAB member, briefly summarized the subcommittee meeting and said  
27 meeting minutes are available as a handout. He said the primary issue that came out of the  
28 meeting was the need for local truckers to get the required HAZWOPER training to be able to  
29 haul hazardous waste from the Shipyard. Thirty three truckers have signed up for the training,  
30 which will be scheduled for some time in June.

31 Mr. Campbell said the next meeting of the subcommittee will be at 2:30 P.M., June 2<sup>nd</sup>, at the  
32 Anna Waden Library.

##### 33 **Ad-Hoc Radiological Subcommittee (Ahimsa Sumchai, Leader)**

34 Ahimsa Sumchai, RAB member, said the subcommittee met yesterday but meeting minutes have  
35 not yet been prepared. She echoed the appeal for greater community and RAB member  
36 attendance at subcommittee meetings, and to those ends said she will schedule the next  
37 radiological subcommittee to occur during the evening.

38 Dr. Sumchai summarized the last subcommittee meeting. She said the subcommittee  
39 acknowledged the passing of Richard Lowman of the Navy's Radiological Affairs Support  
40 Office (RASO). She made motion to the RAB to formally change the name of the subcommittee  
41 to the Lowman Radiological Subcommittee of the Hunters Point Shipyard RAB. The motion was  
42 seconded by the RAB and carried.

1 Dr. Sumchai said the subcommittee also discussed the status of several buildings and FUDS  
2 (Formerly Utilized Defense Sites). She said that Laurie Lowman will probably be discussing the  
3 sites during her presentation later in the meeting. Dr. Sumchai said the subcommittee also  
4 discussed the Final Environmental Impact Report (EIR) for Phase I development at HPS. She  
5 said the document fails to address radiological issues and made a motion to the RAB requesting  
6 an addendum to the addendum to the Final EIR be made to incorporate radiological issues. There  
7 was some discussion around the motion related to requirements to trigger an addendum as well  
8 as who would be responsible for preparing the letter requesting that the addendum be generated.  
9 The motion was restated and carried.

10 The Lowman Radiological Subcommittee of the Hunters Point Shipyard RAB is tentatively  
11 scheduled to meet from 6-8:00 P.M. on June 17<sup>th</sup>, at the Greenhouse, located at 4919 Third Street,  
12 at Palou.

#### 13 Risk Review and Health Assessment Subcommittee (Karen Pierce, Leader)

14 Karen Pierce, RAB member, had no report.

15 Ms. Pierce said the next meeting of the subcommittee will be determined at a later date.

#### 16 Membership, Bylaws & Community Outreach Subcommittee (Melita Rines, leader)

17 Melita Rines, RAB member, said meeting minutes of the last subcommittee meeting are  
18 available as a handout. The San Francisco Police Department (SFPD) and San Francisco  
19 Redevelopment Agency (SFRA) attended the meeting and briefed the subcommittee on the status  
20 of the lease renegotiations.

21 Ms. Rines had two motions from the subcommittee both related to former RAB members who  
22 have reapplied to the RAB, both of whom were removed in the past few months due to absences.  
23 She made a motion to accept James Morrison. Mr. Morrison, alternate for RAB Member Barbara  
24 Bushnell, commented before the motion was voted upon that he objects to the current  
25 interpretation of the attendance section of the bylaws and the seemingly unwritten rules  
26 governing the RAB. Keith Tisdell, RAB member, and Ms. Rines said that every new RAB  
27 member is given a copy of the HPS RAB Bylaws when they join and furthermore the attendance  
28 rules have been fairly and consistently applied since the formation of the subcommittee.  
29 Nevertheless, the section on attendance will be examined and recommendations for changes will  
30 be made during the once per year opportunity to revise the Bylaws. Ms. Pendergrass closed the  
31 discussion and called for a vote to accept Mr. Morrison back onto the RAB. The motion carried 9  
32 ayes to 3 nays.

33 Ms. Rines made a second motion to accept Marie J. Franklin back onto the RAB.  
34 Ms. Pendergrass did not allow comment from Ms. Franklin since she was neither a current RAB  
35 member nor an alternate. The motion carried 13 ayes to 1 nay.

36 The next meeting of the Membership, Bylaws & Community Outreach Subcommittee will be  
37 6:30 P.M., June 9<sup>th</sup>, at the Anna Waden Branch Library.

#### 38 RAB Community Co-chair Nominations

39 Ms. Pendergrass opened the floor to nominations for RAB Community Co-chair. She explained  
40 that elections for the 12 month position will be held at the June RAB meeting and the process  
41 tonight will be to generate a list of candidates for that election. Any community RAB member is  
42 eligible to nominate themselves or any other community RAB member. Once the slate of  
43 potential candidates is completed, Ms. Pendergrass will give each nominee the opportunity to  
44 accept or decline the nomination.

1 The following four candidates accepted the nomination for the June 2004 election for RAB  
2 Community Co-chair; Maurice Campbell, J.R. Manuel, Ahimsa Sumchai, and Keith Tisdell.

3 Break called at 6:55 P.M. Ms. Pendergrass called the meeting back to order at 7:05 P.M.

#### 4 **Update on HPS Radiological Program**

5 Laurie Lowman, Navy RASO, began by expressing gratitude to the RAB for their cards, gifts,  
6 and well-wishes regarding the passing of her husband, Richard Lowman. She read a note that he  
7 had written to the RAB before he passed away, and then segued into the evening's presentation.

8 Ms. Lowman said the topic of her presentation will be an update on the Historical Radiological  
9 Assessment (HRA), which is now in the draft final stage. It was published in February 2004 and  
10 the public comment period closed on 27 April 2004. RASO responses to comments was initially  
11 due on 11 June 2004 but Ms. Lowman has requested a 30-day extension of the due-date on  
12 account of her personal circumstances surrounding her husband's passing. Ms. Lowman said  
13 comments were sent in by regulators, various Navy commands, Arc Ecology, and Dr. Sumchai,  
14 among others. Ms. Lowman mentioned some of the comments such as minor discrepancies in the  
15 identification of buildings, building sites, and Installation Restoration (IR) sites on the HRA  
16 tables. For example, Building 322 was listed as having existed in Parcel D and Parcel A and  
17 needed explanation. There was request for more information related to Operation Crossroads and  
18 impacted sites resulting from related activities. Also requested was more floor plans included in  
19 the HRA along with detailed diagrams of sanitary sewer systems, specific to each parcel. Ms.  
20 Lowman listed a few other comments and said the one most specifically mentioned was the last  
21 sentence in the document which stated "To date, no evidence has been identified that would  
22 indicate that shipyard tenants, the surrounding community, and the environment are at risk from  
23 previous radiological activities at HPS." She said the HRA team will be looking closely at that  
24 assessment, the wording, and the conclusions when preparing the response to comments.

25 Ms. Lowman then went into more detail on a few of the comments. She said that Building 322  
26 had originally been located on Parcel D and was moved to Parcel A in 1959. She said there were  
27 no radiological operations in Building 322 when it was in Parcel A and it was used as the north  
28 gate pass office from 1968. Ms. Lowman said a radiological disposition survey is currently  
29 ongoing because minimal cesium contamination was identified at the Parcel D location – though  
30 that has previously been remediated. The Bldg 322 survey will help to eliminate any doubt  
31 concerning possible radiological residual contamination in the structure prior to moving forward  
32 with the transfer of Parcel A. Ms. Lowman also showed photographs documenting the survey  
33 process and she explained what isotopes were investigated. She concluded that, to date, the  
34 disposition survey has found no contamination. Ms. Lowman also explained the IR-59 JAI site  
35 located on the hill at Parcel A. She said that a previous investigation noted the presence of  
36 sandblast grit during the 1995 remedial investigation. Currently a vacant lot, the IR-59 JAI was  
37 formerly the site of four Quonset huts that were constructed between 1935-1948 and were  
38 removed prior to 1977. Ms. Lowman said her research suggests the huts were most likely used as  
39 residential sites. The sandblast grit was discovered in 1994 while making repairs to a water line  
40 broken during an excavation. The conclusion was that the grit was originally used as backfill for  
41 a utility trench repair on a sanitary sewer line servicing the Quonset huts. Samples of the  
42 sandblast grit were collected and analyzed for chemical contamination but no radiological  
43 analysis was done. The 1994 remedial investigation states that all of the grit was removed and  
44 disposed of. Ms. Lowman said reports have been prepared, and are currently in various states of  
45 review, which will address some of the other comments that were received for areas such as  
46 IR-02 northwest and central (the metal slag/metal reef area), the PCB hot spot soil excavation,  
47 and the Building 819 equipment dismantling, removal and packaging.



1 Moving on, Ms. Lowman listed the priorities for all the sites at the Shipyard with remaining  
2 radiological work to be completed. Proceeding in parcel order, She said that Parcel A priorities,  
3 include Buildings 813 and 819 which are now located in Parcel D as a result of recently  
4 redrawing the boundary line, have pretty well been resolved as a result of the parcel boundary  
5 revision. The next priority is Parcel B, followed by Parcels D, C, E, and F (the underwater  
6 parcel). Priority 1 sites within Parcel B are Buildings 114, 140, the discharge tunnel associated  
7 with Dry Dock 3, Building 142, Building 146, Building 157, and IR-07 and IR-18. Priority 2  
8 sites for Parcel B include Dry Docks 5 and 6 and the associated ship's berths, and Priority 3  
9 sites include the ship's berths not associated with the dry docks, the Parcel B sanitary sewer and  
10 the stormdrain lines. Similar lists of Priority 1, 2, and 3 sites and buildings have been prepared  
11 for Parcels D, C, E and F, and Ms. Lowman concluded her presentation by presenting the lists  
12 item by item.

13 Ms. Pendergrass opened the floor for questions from the RAB. Amy Brownell, RAB member  
14 San Francisco Department of Public Health, asked if the Navy will complete one parcel before  
15 moving on to the next or if there will be simultaneous work. Ms. Lowman said it will be  
16 simultaneous across parcels, but there is a concerted effort to address all the Priority 1 sites first.

17 Dr. Sumchai said she is not convinced that the Parcel A sanitary sewer and stormdrain system is  
18 free of radiological impaction. Furthermore, she said that the history of the IR-59 JAI Quonset  
19 huts is cause for concern until their exact use is confirmed. Until those issues are resolved, she  
20 said that the transfer of Parcel A should not move forward. Dr. Sumchai asked what radiological  
21 operations were occurring in Building 322 on Parcel D. Ms. Lowman said that Building 322 was  
22 used for radiation survey instrument repair and calibration. Various check sources were used  
23 there and that is why it is included in the HRA.

24 Ray Tompkins, RAB member, commented, with regard to the sanitary sewer, that,  
25 hypothetically, in the event of a clog downstream, potentially radiological materials could have  
26 "backed-up" and contaminated buildings not associated with NRDL. He stated that the entire  
27 sanitary sewer system should be surveyed, not just those buildings associated with NRDL.  
28 Ms. Lowman replied that the Navy will survey the sewer lines of those buildings associated with  
29 NRDL, but surveying all buildings and all sewer lines is not warranted.

30 Mr. Manuel asked if the sandblast grit at IR-59 JAI was believed to have been new or used.  
31 Ms. Lowman replied that the report indicated paint chips were observed in the grit.

32 Mr. Campbell asked where the sewer lines terminated that served the D-series buildings formerly  
33 on what is now Mariner's Village. Ms. Lowman said that Buildings D19, 20, and 21 were used  
34 by NRDL for administrative purposes only, such as payroll. Buildings D22 and 23 were used by  
35 the Public Works and Supply Department for the Shipyard. Due to the facts that the sites are  
36 managed under the FUDS program, the buildings have long since been demolished, and the  
37 roads have been completely reconfigured Ms. Lowman stated that it would be difficult to go in  
38 and survey the sewer system sites. Furthermore, it would be difficult to justify doing so given  
39 their previous history.

40 Mr. Tisdell asked how much sandblast grit remained scattered on the site, reported as "minor" in  
41 the report. Pat Brooks, Navy Lead Remedial Project Manager, said the report stated that the  
42 sandblast grit was removed by backhoe and by hand. He said the smaller areas were removed by  
43 shovel and therefore any remaining sandblast grit is truly inconsequential.

44 Ms. Pendergrass closed the question and answer period.

## Future Agenda Topics

Aside from the standard agenda topics and subcommittee updates, the following topics were proposed for the May RAB meeting:

- Elections for RAB Community Co-Chair
- A discussion/review of the proper RAB subcommittee structure

## Other Discussions/Topics

The following items were also discussed at the RAB meeting. A verbatim account of these discussions is included in the Information Repository for HPS and may also be found on the HPS web page at [www.efds.w.navy.mil/Environmental/HuntersPoint.htm](http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm)

- Mr. Tompkins requested that the RAB be shown the former ammunition storage bunker reported to be under the hill. It was put as an Action Item that the RAB would like a field trip to view the site.
- Saul Bloom, attendee, Arc Ecology, said the Department of Defense is in the process of creating a new RAB rule. He said the public comment period is closed but he urged the RAB to review the proposed changes. He provided copies of the proposed RAB rule change.
- Mr. Bloom also said he prepared a written response on behalf of Arc Ecology responding to Mr. Brown's comments from a previous RAB meeting. Copies were made available as a handout.
- Mark Podhurecki, attendee, said he is a resident living in close proximity to the Shipyard. He asked when the radiological remediation activities will be conducted and what assurance will the public have that they will be protected. Ms. Pendergrass said that many of his concerns have been addressed in previous RAB meetings and he may wish to review the meeting minutes from those RAB meetings. She also said he could discuss his concerns with the RAB Co-chairs.
- Deborah Santana, attendee, asked if the HRA discussed activities associated with Operation Hardtack. Ms. Lowman replied that there are no records of Operation Hardtack ships coming to Hunters Point Shipyard.
- Mr. Tisdell requested that anybody observing the Police Department conducting activities on Parcel A to please report that information to Mr. Forman.

There were no further announcements. Ms. Pendergrass closed the meeting with a moment of silence in remembrance of Richard Lowman. The meeting was adjourned at 8:10 p.m.

**Reminder: The next RAB meeting will be held from 6:00 to 8:00 P.M., Thursday evening, 24 June 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.**

## ATTACHMENT A

27 MAY 2004 - RAB MEETING  
LIST OF ATTENDEES

Name	Association
1. Christine M. Niccoli	Niccoli Reporting, court reporter
2. Marsha Pendergrass	Pendergrass & Associates
3. Keith Forman	<b>Navy, RAB Co-chair</b>
4. Pat Brooks	Navy, Lead Remedial Project Manager
5. Laura Lowman	Navy, Radiological Affairs Support Office (RASO)
6. Ralph Pierce	Navy
7. Lec Saunders	Navy, Public Affairs Office (PAO)
8. Matthew Slack	Navy, RASO
9. Peter Stroganoff	Navy, ROICC Office
10. Lynne Brown	<b>RAB Community Co-chair</b> , Communities for a Better Environment, CFC
11. Maurice Campbell	RAB member, BDI, CFC, New California Media
12. Charles Dacus	RAB member, R.O.S.E.S.
13. Chris Hanif	RAB member, Young Community Developers
14. Mitsuyo Hasegawa	RAB member, JRM Associates
15. Lisa Lulu	RAB member, All Islanders Gather as One
16. Lea Loizos	RAB member, ARC Ecology
17. Kevyn Lutton	RAB member, resident
18. J.R. Manuel	RAB member, JRM Associates
19. Jesse Mason	RAB member, CFC
20. James Morrison *	Alternate for RAB member Barbara Bushnell
21. Georgia Oliva	RAB member, CBE, CCA member
22. Karen Pierce	RAB member, BVHP Democratic Club, HEAP
23. Melita Rines	RAB member, India Basin Neighborhood Association
24. Sam Ripley	RAB member, Samoan American Media Services
25. Ahimsa Sumchai	RAB member, BVHP Health and Environmental Resource Center
26. Keith Tisdell	RAB member, resident
27. Raymond Tompkins	RAB member, BVHP Coalition on the Environment
28. Leilani Wright	RAB member, JRM Associates
29. Amy Brownell	RAB member, SF Dept of Public Health
30. Jackie Lane	RAB member, US EPA
31. Tom Lanphar	RAB member, Dept Toxic Substances Control
32. Michael Work	RAB member, US EPA
33. Saul Bloom	Arc Ecology
34. Paul Bouchard	Industrial Metals Corp
35. Michael Boyd	CARE/EMU
36. Andrew Bozeman	Southeast Sector Community Development
37. Patricia Brown	Shipyard artist
38. Debra Carroll	The Point
39. Francisco Da Costa	Environmental Justice Advocacy
40. Peg Divine	SF Dept of Public Works
41. Steve Edde	Innovative Technical Solutions, Inc
42. Paul Egreegas	Young Community Developers
43. Benjamin Feick	Waste Solutions Group
44. Marie J. Franklin	Shoreview Environmental Justice Movement, Inc.
45. William Haney	New World Technology
46. Rene Gonzalez	
47. Carolyn Hunter	Tetra Tech EM Inc

48. Marques Jones	YCD
49. Ronald Keichline	Innovative Technical Solutions, Inc
50. Henry Lauf	
51. Aaron Misas	Local
52. Debra Moore	Innovative Technical Solutions, Inc
53. Sherlina Nageer	Literacy for Environmental Justice
54. Mark Podhurecki	Local
55. Dennis Robinson	Shaw Environmental & Infrastructure, Inc
56. Deborah Santana	Mills College Ethnic Studies Dept
57. Matthew L. Shaps, Esq.	Paul Hastings LLP for Lennar
58. Julia Vetromile	Tetra Tech EM Inc
59. Peter Wilsey	SF Dept of Public Health

**ATTACHMENT B****27 MAY 2004 - RAB MEETING  
ACTION ITEMS**

<b>Item No.</b>	<b>Action Item</b>	<b>Due Date</b>	<b>Person/Agency Committing to Action Item</b>	<b>Resolution Status</b>
<b>Carry-Over Items</b>				
1.	Navy to notify David Terzian and Navy Caretaker Site Office prior to removal of AMC's cranes at Dry Dock 4	TBD	Navy/ Keith Forman	
2.	M. Work to report to the RAB Health Subcommittee about which studies went into establishing the PRGs for manganese	June RAB	EPA/ Michael Work	
<b>New Items</b>				
1.	RAB would like the Navy to consider arranging a field trip to view the former ammunition storage bunker located under the hill	June RAB	Navy	

## Lowman Radiological Subcommittee

Abbreviated minutes - June 23, 2004

The meeting was called to order at 4:15pm. The following attendees signed in: Willie Ratcliff - Host, Ahimsa Sumchai - chair, Lynne Brown - RAB community co-chair, Francisco DaCosta, Christine Siataga, Gaynorann Siataga, Edward Wiesick, Cindy Vincent, Gerry Vincent, Pat Brooks, Keith Forman, Ralph Pearce, Maurice Campbell.

The subcommittee acknowledged the presence of Gaynorann Siataga a youth candidate for the San Francisco Board of Education and Mr. Edward Wiesick a senior retired gardner who worked at the Shipyard for many years.

Mr. Gerald Vincent of the U.S. Army Corp of Engineers was welcomed and began the presentation describing a "FUDs" as a piece of property owned, leased or operated by the Department of Defense and turned over to civilian use before October of 1986. There are over 9,800 FUDs nationwide and the environmental investigation and remediation of these properties fall under seperate jurisdiction in the DoD. At Hunters Point there exist properties whose clean-up and reuse fall under the BRAC (Base Realignment and Closure) process and the FUDs (formerly utilized defense) programs.

Francisco DaCosta asked Mr. Vincent why he had not presented to the HPS RAB. Mr. Vincent replied that the Restoration Advisory Board for the shipyard is a body that falls under the jurisdiction of the BRAC program. Mr. DaCosta stated that the Navy has not been "forthcoming" about the extent of environmental cleanup at the Shipyard and that the recently released HRA has proved to be an "eye opener" with regard to the extent of radiological contamination on the base. He shared with attendees as current map of Environmental Cleanup sites at HPS.

A focused discussion centered on FUDs 815, 820, 830 and 831. The history and remediation of Building 815 has been a major topic of concern and Mr. Vincent gave a brief background of the events leading up to the DoD's release of the HPS 800 series FUDs to the GSA. Dr. Sumchai described Building 815 as an eight story structure including a basement that housed support services and five floors with laboratories and machine shops. RASO has designated it for a full scoping survey. Mr. Vincent expressed disagreement with this decision and reminded the committee that Building 815 had undergone numerous investigations and decontaminations and that there successive studies have been driven by dynamic changes in release criteria for radiation impacted property. He stated that the most recent release criteria change was in 1974 and that the last survey conducted in 815 was in 1985. Edward Wiesick provided new information that Building 815 was used for Planning and Estimating for Navy Civil Service for years after NRDL disestablishment.

Dr. Sumchai stated that the RASO decision may have been factored by the following facts. Standards for radiation cleanup in the state of California are being challenged in Superior court, additionally, the DHS letter signing off on Building 815 is not signed and dated, the San Francisco Department of Public Health has remained in communication with Mr. Lowpensky - the owner - about the status of two 15,000 gallon holding tanks that were used for holding low level radiation waste water. Mr. Vincent stated they were concrete vaults set in the parking lot of Building 815 for storm water runoff. Maurice Campbell clarified that they were used for sampling of radioactive waste from the NRDL laboratories and if the effluent concentrations were below release criteria it was discharged into the sewer system. Sumchai also stated that the basewide impaction of the storm water and sanitary sewer system brings into sharper focus concerns about the status of drains and holding tanks for former NRDL laboratories and building 815 became the major laboratory and administration building for NRDL.

Lynne Brown asked "if you had 600 scientists working in this building and these were called decontamination tanks what was being decontaminated?" Mr. Vincent stated a more exact description of the tanks was, "holding tanks for decontamination water". He stated that if radioactive waste was detected that exceed release criteria it would have been shipped off site for disposal. Dr. Sumchai stated that the new focus on Building 815 is likely the result of the fact that for the first time the HRA acknowledges that low level NORM and NARM were being released into the drains and sewer systems of NRDL laboratories by post-WWII scientists. Mr. Forman asked that Amy Brownell clarify the status of correspondance between DPH, Mr. Lowpensky and Mr. Vincent regarding the tanks. Mr. Brown also raised continued concerns about cooling towers located on the roof of Building 815 that were removed by the owner prior to investigation.

The conversation shifted to the questions raised by photos Maurice Campbell has sent to RASO and RAB members which suggest the presence of additional D series buildings in the off-base community area occupied by Mariners Villages residences. The photo's suggest the possibility of an NRDL laboratory at this site. Mr. Forman stated RASO has not been able to confirm this possibility because the photo is not dated. Mr. Campbell stated he provided the date and confirmed that the photos came from USGS. It was clarified for the committee members that D series buildings 19-21 were used for supply, administration and payroll. The presence of a building used for a laboratory in a residential area is of concern because of the possibility that low level radioactive waste may have entered the basewide storm water and sewer system. Mr. Forman asked that Mr. Campbell forward information of this nature to RASO as well as to Ralph Pearce, the lead Radiological RPM for the Shipyard. It was also emphasized that Mr. Vincent be kept in the loop because these sites are FUDs.

Mr. Forman gave an update on the use of Quonset huts that were used to house staff and people temporarily in the post world war II era. The additional D series buildings were probably Quonset huts. The huts were also used for visiting staff, scientists and officers. They came in 3 sizes and were expandable. Mr. Brown stated D series buildings occupied the IR-07 and IR-18 former submarine base region of Parcel B. Mr. Campbell provided the valuable insight that Building 101 at the Shipyard houses a layout map of the shipyard that can be used for historical correlary. Mr. Forman cautioned that shipyard maps are not often meant to be "all inclusive" and cannot be depended on to verify the identity and function of buildings.

Mr. Wiesick recalled that sheep and goats were housed on the shipyard in the region of the 800 buildings for animal experiments. Mr. Forman verified this as fact. Mr. Campbell stated that the historical archives in San Bruno confirm that thousands of pages of NRDL documents have been destroyed. Mr. Forman acknowledged that it was common practice to destroy non classified materials. Mr. DaCosta expressed concern about the lack of clear information about the investigation and remediation of off-base buildings in the community. He also referenced reports by community residents that "clouds" of smoke or vapor had been noted emanating from Building 815 in the past.

Dr. Sumchai suggested that Mr. Vincent formally address the RAB on the FUDs in August, along with Laurie Lowman. Mr. Vincent stated he was scheduled to be in Roswell, New Mexico at that time. The offer to have Mr. Vincent present to the RAB was left open to discussion. The remainder of the agenda focused on FUDs 820, 830 and 831. Additionally, Sumchai asked the Navy to clarify the Parcel F underwater impacted status of the births surrounding the Gun Mole Pier where Operations Crossroads activities were conducted.

**HPS Membership/Bylaws & Community Outreach (MB&CO) Subcommittee  
Meeting Notes  
Meeting Minutes for 09 June 2004, 6:30-8 p.m.  
Anna Waden Library**

*Note\*\*These minutes are not verbatim but through summarization reflect the issues and statements made during the meeting.  
These notes were taken by Debra Moore.*

The Subcommittee meeting was called to order by Melita Rines, Restoration Advisory Board (RAB) member and Subcommittee Leader, at 6:37 p.m. Keith Tisdell, Lynne Brown, Marie Franklin, Maurice Campbell, and Charles Dacus were also in attendance as RAB members. Additional attendees included, Keith Forman, Navy RAB Co-Chair and Pat Brooks, Navy Lead Remedial Project Manager (RPM). Also in attendance were Barbara Bushnell, Jackie Lane, US EPA; Carolyn Hunter, Tetra Tech EMT (TtEMI) and Ronald Keichline, Innovative Technical Solutions, Inc. (ITSI). Topics on the agenda: (1) Updates, (2) Amendments to Bylaws, (3) Discussion on Attendance, (4) Compose Mission Statement, (5) New Business Discussions

**UPDATES**

Ms. Rines has spoken with Don Capobres, SFRA, and they will not be in attendance at the meeting as they have no updates to report.

ITSI has prepared and distributed courtesy letters to all RAB members who have missed at least three meetings in a 12 month period.

**AMENDMENTS TO BYLAWS**

Discussion ensued regarding changing the language in the Bylaws (Section 8) concerning attendance. The issue with the definition of a "calendar year" has recently posed a problem with RAB members being dismissed from the Board due to excessive absences. Because of potential misinterpretation of "calendar year", it was agreed that the Bylaws need to clearly define what the definition is so that everyone can be on one accord.

The proposed amendments to Section 8 are as follows:

***"All RAB members are expected to attend regular meetings. If any member is absent from four meetings in a 12 month period he or she will automatically be removed from the RAB. There will be no distinction between excused and unexcused absences. For purposes of attendance recordkeeping, a 12-month period will be defined as 12 months from the month of the current RAB meeting.***

***Each member may designate an alternate to attend in his or her place. An alternate has all the privileges of a RAB member but does not count towards attendance."***

It was suggested by Keith Forman that those persons that have been previously removed from the RAB, and have expressed interest in rejoining the RAB, that they earn the vote of other RAB members instead of just being voted back on because they want back on. There needs to be some accountability by the renewing RAB member that attendance will not be an issue in the future.

It was explained that the purpose of changing the language was to enforce that missing four meetings per year is unacceptable. If attendance isn't stressed, it will be taken advantage of. It was suggested that former RAB members attend the Bylaws subcommittee meeting to discuss their absenteeism



instead of it being done at the regular RAB meeting. It should be explained to the subcommittee why they are having attendance issues.

It was also suggested that something needs to be done about the arrival of late RAB members and those who leave early. Something needs to be stated whether that is counted as being "in attendance". Based on the suggestion, discussion went forth on the responsibilities of a RAB member. It was suggested to add to Section 9a:

*"Making a good faith effort to regularly attend RAB meetings, training sessions, site tours, and participation in reviewing the Hunters Point Shipyard environmental cleanup program."*

Adding the "Making a good faith effort to" statement would allow other RAB members to apply peer pressure to those who aren't timely or leave the meetings early. It was also suggested that it be explained to the RAB what a "good faith effort" is.

There were concerns discussed about RAB members who make public comments and falsely represent the full RAB as being in agreement with their comments. To alleviate this from happening in the future, it was proposed that a statement be added to Section 9 regarding this.

The proposed additional statement to Section 9 is as follows:

*"Community RAB members may not represent the RAB before any person, agency, organization, forum, or the public without prior authorization from the full RAB. This provision does not apply to the RAB Co-Chairs, who are duly authorized to do so."*

Marie Franklin gave a written statement on the RAB Mission Statement and Bylaws (copy attached) and would like a response to it. Melita will respond. It was suggested that she be asked to come to the next MB&CO subcommittee meeting and verbally address the issues. The written documentation will be included with the minutes and distributed at the RAB meeting. If the RAB has comments then they can make their comments through July and all issues can be addressed at the August RAB.

It was also suggested that there be a "RAB 101" training class given by the Navy. The class would be an informational session on what's really going on at the Shipyard covering technical and CERCLA environmental cleanup, etc. and would last about a day. Mr. Forman had no problem with this idea, but suggested that it be proposed to the RAB first, to see if there is any interest in it.

Another issue discussed was the "ad hoc subcommittees". It was suggested that the ad-hoc committees be instituted as a permanent committee and the language be included under Section 17.

The proposed language reads as follows:

*"Ad hoc subcommittees may be created for a short-term basis to resolve short-term issues. Continuance of an ad hoc subcommittee beyond an initial 12 month period may be reviewed by the RAB on a case-by-case basis."*

*Subcommittees should (shall) prepare meeting minutes to reflect a summary of the meeting. Minutes should (shall) be distributed to the RAB at the following RAB meeting or in a timely manner. General attendance at subcommittees should (shall) be taken and recorded in the minutes. Based on review of subcommittee attendance records, a determination can (will) be made by the RAB to suggest a change in meeting frequency, merging with existing subcommittees, or dissolution."*

## **COMPOSE MISSION STATEMENT**

The composing of a Mission Statement/Operating Charter will be discussed at July's MB&CO meeting.

## **NEW BUSINESS DISCUSSIONS**

It was suggested that subcommittee meetings be scheduled every other month or every two months. It will be discussed further at July's meeting.

SFPD will be at July's meeting to discuss Term Agreement issues.

## **ADDITIONAL DISCUSSION**

The next Membership Bylaws and Community Outreach Subcommittee meeting will be held Wednesday, 14 July 2004 from 6:30 – 8:00 p.m. at the Anna Waden Library.

The meeting adjourned.

## **MB & CO SUBCOMMITTEE JUNE 2004 ACTION ITEMS**

1. New application form made up to reflect changes in renewal of membership – Ron Keichline
2. Include in Bylaws the proposed changes and additions regarding attendance, etc. – Ron Keichline
3. Address Marie Franklin's Mission Statement and Bylaws concerns – Melita Rines
4. Discuss Term Agreement issues - SFPD

**TO: BYLAWS COMMITTEE**  
**FROM : MARIE J FRANKLIN, RAB MEMBER**  
**RE: BY AMENDMENT**  
**DATE: JUNE 9, 2004**

**HUNTERS POINT  
RESTORATION ADVISORY BOARD MISSION STATEMENT**

- The Hunters Point Restoration Advisory Board (RAB) mission is to establish and maintain a forum with citizens and community organizations as well as local, state, and federal agencies.
- The focus of the forum is the exchange of environmental assessment and restoration information in an open, balanced, and interactive dialogue.
- The function of Hunters Point RAB is to make informed recommendations to the Army and environmental agencies for remedial activities by:
  - Decreasing the amount of solid waste produced by the event;
  - Minimizing or off-setting harmful emissions resulting from vehicular transportation and energy consumption associated with the event;
  - Disposing of solid and liquid waste in an environmentally responsible manner; and
  - Eliminating the use of harmful chemicals at or for the event.

**BYLAWS FOR HP RAB @ TI-HP SHIPYARD**

1.

**CBO Participation**

Whereas CBO are representative of large portions of the impacted community, membership volunteerism should be optimistic by implementing a participatory infrastructure.

**Alternates:** RAB Alternates membership would generate community partners within immediate the CBO / Alternates may be allowed to vote as Primary member when primary (CBO) is absent.

-Disciplinary measures may be exercised as to how many absences accumulate due to excuses, not related to illness,

**Priority Membership**

a) Again community members who live closer and or most impacted by the Superfund site as primary participants.

b) Less priority adhered for RAB members who live further distances and are less impacted by the Superfund Site.

**c) Absences:** Excused adherence to members who suffer Respiratory Conditions With stipulation of notification of Rab Chair or By-Law Committee Member, not a counted as unexcused absence.

Increase Excused absences from 4 to Five, but allowing that Two absences with be omitted by placement of the "ALTERNATE".

**SIGN IN Sheet.**

Dispatch/ Elect a Monitor to oversee attendees and include members present within the minutes.

Request that Facilitator or RAB Co-Chair to announce the importance of signing in.

**Sub-Committee meetings**

Committee Meetings should be planned on two days per month, with back to back meetings as required.

(I.e. Radiological & Economic Development Each second Thursday  
Bylaw & \_\_\_\_\_ each Third Thursday)

**Community Comment:**

Before each Break allow five to seven minutes for non member comment on subject matter only.

Then commentary period prior to adjournment.

**RAB should apply for EPA TAPP Funding**

**Meeting Location**

RAB meetings should move its meetings to the community periodically.  
I.e. Earl P Mills, Oakdale

**Submitted by Shoreview Environmental Justice Movement, Inc  
Marie J Franklin 6/9/04**

RESOLUTION

**Hunters Point Economic Subcommittee Meeting**  
**Meeting Minutes**  
**June 1, 2004 @ 2:30 P.M.**  
**Anna Waden Library**

**Attendees:** Mark Gelsinger, Navy; Arvind Acharya, ITSI; Maurice Campbell, CFC; Chris Hanif – YCD; Cy Allen, Community Window on the Shipyard; Al Curry, Trucker; and Jesse Mason (Left prior to Maurice's arrival to the meeting based on previous commitments)

1. **Awards in May 2004** – *Mark provided a summary update of the awards done on Hunters Point in May 2004, which are as follows:*

- N68711-03-D-5104, DO 0011, Mod 1 – CSR Addendum
- N68711-03-D-5104, DO 0036 – Basewide Program Management – still some Community Relations Tasks to be worked on amounting to about \$30K – *Mark had update from SULTECH on June 9, 2004. Looks like SULTECH may be able to find a local court reporter and other Community Relations tasks from the local community. SULTECH will provide a further update before the end of June 2004.*
- N68711-02-D-8213, DO 0012, Mod 01 -- ZVI – Additional injection
- N68711-02-D-8025, DO 0011 – Record of Survey
- N68711-03-M-5108, P00002 – Goats R' Us at Parcel A
- N68711-02-D-8310, DO 0001, Mod 08 – Landfill Cap Maintenance

2. **TPA-CKY** has placed some solicitation advertisements or will be placing some advertisements in the local Bayview newspaper for trucking work on Hunters Point. This is for the PCB Removal, which will be done in conjunction with TrFWI's project under CTO 0084 (TCRA and Rad Screening for Parcel E PCB Excavation Site at Hunters Point). Additionally, TPA-CKY had some work were awarded under Delivery Order 0003 on their contract. TPA-CKY is voluntarily re-bidding the transportation portion of the work to see if they can get local truckers to do the work. TPA-CKY was awarded this work based on previous pricing, so if the local trucking pricing isn't competitive, TPA-CKY may have to stay with their current subcontractor. *Mark has confirmed that the solicitations have been advertised and that final proposals/bids are due on June 16, 2004. TPA-CKY will then review, and negotiate (as needed) and make awards. Al Curry informed the Navy the need to consider the rising cost of fuel in the local contractors' pricing.*

3. Low-level Radiological Waste Disposal - Showstopper is the insurance requirements. Requires \$5 million insurance and specialized containers. Also, RASO is not too keen on having anyone other than the Army, the Executive Agent, to do the disposal. *Mark updated Maurice that RASO would not support a request for waiver for the use of local truckers for the transportation and disposal of the LLRW.*

4. **Goats R' Us** – *We have goats are Parcel A.*

5. **Reminder sent out to all primes** early last week to ensure that they are using local small businesses for subcontracts and consumables as much as possible. Also, primes were reminded that they must meet their commitments to the community.

6. **Hazwopper 40-Hour Training** – Scheduled for Friday and Saturday, June 5-6 and June 12-13. Class starts at 7:00 A.M. each day. This course is for truckers only. We currently have 33 truckers scheduled for the training, and all have confirmed their attendance. The training will be

held in the NWT Trailers at Hunters Point, and the truckers should follow signs on base leading to TtFWI trailers. *Only 20 truckers showed up for the 40-hour Hazwopper Training, which will continue and finish this weekend.*

*This is a one-time only event, and will not be repeated in the future.*

7. *Hazwopper 8-Hour Refresher Training* – Only one name so far. We can only do the training if we have at least 10 names of truckers who need the training; otherwise it does not make economic sense. *The Government informed Maurice Campbell and all concerned that there would be no 8-Hour Hazwopper Refresher Training. Chris stated that he would try to help Al Cain locally.*

8. Just a few reminders about the use of local truckers – again, the prime contractors will use local truckers in the three zip codes as long as the pricing is fair and reasonable, the businesses are responsive and responsible, they can handle the work, and they provide good quality and a safe working record. The primes will receive the truckers' quotes (and those of all competitors), and will make a determination on the fairness and reasonableness of the price. If the prices are fair and reasonable, the contractor will select the lowest bidder. If not, the contractor will open discussions with all contractors and give everyone the opportunity to re-propose. If the prices are still not fair and reasonable, then the prime contractors will go full and open outside of the local area.

*There was a discussion of pricing, and the sharing of pricing information. The Government informed all present not to share pricing information. This is called collusion and is a federal offense punishable by fines and imprisonment.*

Finally, the Government reminded all parties present at the meeting that *the contractual relationships between the primes and the trucking companies are between those two parties only*. The Navy's prime contractors cannot deal with a Business Agent or any other representative of the community regarding trucking and the work being done at Hunters Point. The only people who can award a trucking contract to anyone on Hunters Point are the prime contractors, and no community representative has any influence whatsoever on the work being awarded on Hunters Point. This is Federal Contracts Law.

9. The Government proposed doing the Economic Subcommittee meetings every other month. *All parties present agreed that the meetings would take place every other month, with the next meeting being Tuesday, August 2, 2004.*

10. Also, the Government requested to change the time of these meetings to 1:30 P.M. in the future for travel purposes? *All parties agreed to change the time of the meetings to 1:30 P.M.*

11. *Mark informed all concerned that the next quarterly numbers would be prepared at the end of June 2004. Mark will send the numbers to Maurice for his review. Mark will add a column showing dollars expended year-to-date.*

**Hunters Point Economic Subcommittee Meeting**  
**Meeting Minutes**  
**June 1, 2004 @ 2:30 P.M.**  
**Anna Waden Library**  
**Responses to Action Items**

**Attendees:** Mark Gelsinger, Navy; Arvind Acharya, ITSI; Maurice Campbell, CFC; Chris Hanif – YCD; Cy Allen, Community Window on the Shipyard; Al Curry, Trucker; and Jesse Mason (Left prior to Maurice's arrival to the meeting based on previous commitments)

**1. Awards in May 2004 – Mark provided a summary update of the awards done on Hunters Point in May 2004, which are as follows:**

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Final Answer: SULTECH sent an update on Thursday, June 17, 2004. Here is what they said: SULTECH developed and internally approved three detailed scopes of work for the following subcontracts: Community relations support (primarily RAB meetings); Court Reporting; and Facilitations. We also contacted firms in the community zip codes by telephone to finalize our list of prospective bidders. Next week we will submit the scopes to prospective bidders. We will also continue work on a fourth subcontract for community event support. We will update the Economic Subcommittee once we have award information from TtEMI.

- N68711-02-D-8213, DO 0012, Mod 01 – ZVI – Additional injection  
- N68711-02-D-8025, DO 0011 – Record of Survey  
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Final Answer: TtFWI spoke with Al Curry and they believe Al Curry was asking the question because truckers needed to know the unit of measure defined (truck load, ton, yard, etc.) so they can bid with the correct type of truck for the job. In order to assist truckers on future bids, I've tasked our HP staff to conduct a site walk each time we have a trucking

requirement. During the walk the best unit of measure (truck load, ton, yard) will be determined so that truckers will bid on the same basis.

3. Low-level Radiological Waste (LLRW) Disposal - Showstopper is the insurance requirements. Requires \$5 million insurance and specialized containers. Also, RASO is not too keen on having anyone other than the Army, the Executive Agent, to do the disposal. ***Mark updated Maurice that RASO would not support a request for waiver for the use of local truckers for the transportation and disposal of the LLRW.***

Final Answer: We will not use local truckers for the disposal of LLRW.

4. ***Goats R' Us – We have goats are Parcel A.***

5. ***Reminder sent out to all primes*** early last week to ensure that they are using local small businesses for subcontracts and consumables as much as possible. Also, primes were reminded that they must meet their commitments to the community.

6. ***Hazwopper 40-Hour Training*** – Scheduled for Friday and Saturday, June 5-6 and June 12-13. Class starts at 7:00 A.M. each day. This course is for truckers only. We currently have 33 truckers scheduled for the training, and all have confirmed their attendance. The training will be held in the NWT Trailers at Hunters Point, and the truckers should follow signs on base leading to TtFWI trailers. ***Only 20 truckers showed up for the 40-hour Hazwopper Training, which will continue and finish this weekend. This is a one-time only event, and will not be repeated in the future.***

Final Answer: Actually, 18 truckers completed the training, which was conducted on 5-6 and 12-13 June 2004.

7. ***Hazwopper 8-Hour Refresher Training*** – Only one name so far. We can only do the training if we have at least 10 names of truckers who need the training; otherwise it does not make economic sense. ***The Government informed Maurice Campbell and all concerned that there would be no 8-Hour Hazwopper Refresher Training. Chris stated that he would try to help Al Cain locally.***

Final Answer: TtFWI will not conduct Hazwopper 8-Hour Refresher Training for only one person, and both the Government and Community agree that this is acceptable.

8. Just a few reminders about the use of local truckers – again, the prime contractors will use local truckers in the three zip codes as long as the pricing is fair and reasonable, the businesses are responsive and responsible, they can handle the work, and they provide good quality and a safe working record. The primes will receive the truckers' quotes (and those of all competitors), and will make a determination on the fairness and reasonableness of the price. If the prices are fair and reasonable, the contractor will select the lowest bidder. If not, the contractor will open discussions with all contractors and give everyone the opportunity to re-propose. If the prices are still not fair and reasonable, then the prime contractors will go full and open outside of the local area.

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Finally, the Government reminded all parties present at the meeting that ***the contractual relationships between the primes and the trucking companies are between those two parties only***. The Navy's prime contractors cannot deal with a Business Agent or any other representative of the community regarding trucking and the work being done at Hunters Point. The only people who can award a trucking contract to anyone on Hunters Point are the prime contractors, and no community representative has any influence whatsoever on the work being awarded on Hunters Point. This is Federal Contracts Law.

Final Answer: I am still very concerned about the way the truckers are communicating to each other at HPS, and will share that with all concerned at our next Economic Subcommittee Meeting. We had an interesting event occur this week with Geary Brown and Al Curry. Once we get to the bottom of what happened, we will inform the Economic Subcommittee.

9. The Government proposed doing the Economic Subcommittee meetings every other month. ***All parties present agreed that the meetings would take place every other month, with the next meeting being Tuesday, August 2, 2004.***

10. Also, the Government requested to change the time of these meetings to 1:30 P.M. in the future for travel purposes? ***All parties agreed to change the time of the meetings to 1:30 P.M.***

11. ***Mark informed all concerned that the next quarterly numbers would be prepared at the end of June 2004. Mark will send the numbers to Maurice for his review. Mark will add a column showing dollars expended year-to-date.***

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The following are the answers to Chris Hanif's and Maurice Campbell's questions that resulted from this meeting:

1. Chris Hanif asked about the Radiological Soil Screening Project Under CTO 0084. This work will take place this Summer. Evidently, New World Technologies (NWT) had discussed bringing two (2) YCD employees back to do Jr. Rad Tech work. Could you look into this and find out if NWT intends to hire two people from YCD this summer?

**RESPONSE:** See response in Question 2 below.

2. Chris Hanif of YCD and Maurice Campbell of CFC mentioned that NWT had discussed a potential employee Intern Program to become Junior Radiological Technicians. Chris stated that each employee would have to make a 2-year commitment to the company. Can you look into this and let me know if this is indeed a viable Intern Program and whether NWT intends to hire any YCD employees for this program?

**RESPONSE:** As indicated in response to Question 3 below, a minimum requirement for Junior Radiological Technicians is one to two years of experience as a Decontamination Technician. NWT does not have a formal Intern program, however, they have previously trained YCD graduates as entry-level Decontamination Technicians with the goal of offering them the opportunity to obtain the work experience necessary to qualify to become Junior Radiological Technicians.

In December 2003 NWT trained three (3) graduates to work as entry-level Decontamination Technicians. The work they were to be assigned did not materialize right away. However, in May 2004, these workers were assigned to work on one of NWT's commercial projects at Valacitos, CA.

In discussions with NTW and MKM, they can each hire 1-2 YCD staff as entry-level Decontamination Technicians depending on actual workload this Summer, but can only provide them work where they have work.

Final Answer: The Navy has asked TtFWI to have NTW and MKM bring in 1-2 YCD people when we start our radiological work this Summer. Please be aware that YCD can only train entry-level decontamination technicians when they have the work for them.

3. Maurice and Chris asked if TtFWI could provide a list of skill sets required for laborers, radiological technicians, etc. Please let me know if this is something that TtFWI has in place and whether we can have copies of the skill sets so that we can get them to the community.

**RESPONSE:**

**Radiological Technicians**

- Two years experience as a Decontamination Technician, or two years of college including appropriate science courses and one year experience in an environmental H&S program
- Ability to read, analyze and interpret general business periodical, professional journals, technical procedures or government regulations
- Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations
- 40-hour H&S training
- 8-hour H&S refresher (as needed)

**Teamsters**

- Qualification on equipment operated/suitable CA license
- 40-hour H&S training
- 8-hour H&S refresher (as needed)
- Lead awareness training
- Asbestos awareness training
- Radiation awareness training (can be provided on site in 2 hours)
- Pass physical and drug screen
- Union membership

**Operator**

- Qualifications on equipment operated
- 40-hour H&S training
- 8-hour H&S refresher (as needed)

- Lead awareness training
- Asbestos awareness training
- Radiation awareness training (can be provided on site in 2 hours)
- Pass physical and drug screen
- Union membership

#### **Laborer**

- 40-hour H&S training
  - 8-hour H&S refresher (as needed)
  - Lead awareness training
  - Asbestos awareness training
  - Radiation awareness training (can be provided on site in 2 hours)
  - Pass physical and drug screen
  - Union membership
4. Al Curry asked whether or not truckers could give 20-ton and 25-ton pricing when submitting proposals. I verified this with Neil Hart and he said that as long as Al communicated to TtFWI how he was pricing the work and TtFWI agreed with the methodology, then Al could submit the pricing.

**RESPONSE:** In addition to my earlier comments I think Al Curry was asking the question because truckers needed to know the unit of measure defined (truck load, ton, yard, etc.) so they can bid with the correct type of truck for the job. In order to assist truckers on future bids, I've tasked our HP site to conduct a site walk each time we have a trucking requirement. During the walk the best unit of measure (truck load, ton, yard) will be determined so that truckers will bid on the same basis.

5. Please ensure that you take the rising fuel costs into consideration when looking at the pricing of local truckers' proposals. Please confirm that you understand the concern.

**RESPONSE:** TtFWI understands the concern. Rising fuel costs will be taken into consideration when competitive proposals are received.

5. Chris Hanif of YCD asked why TtFWI did not approach his company for labor for the asbestos removal on Building 322. Please provide an explanation.

**RESPONSE:** TtFWI did not perform the asbestos removal portion of the work when Building 322 was demolished since we don't have a California Asbestos license. Consequently, Sterling Environmental, a licensed asbestos contractor, performed the asbestos removal in Building 322. Sterling self-performed the work and did not need additional resources.

Final Answer: In the future, TtFWI is going to work with its subcontractors to see if they can use local labor to accomplish some or all of the work on projects.

**From:** Gelsinger, Mark A CIV BRAC Dept, (EFDSW) [mailto:mark.gelsinger@navy.mil]  
**Sent:** Friday, June 18, 2004 11:02 AM  
**To:** mecsoft@pacbell.net  
**Cc:** ehart@ttfwi.com  
**Subject:** HAZWOPPER AND QUALIFICATIONS

Good morning, Maurice:

I also wanted to let you know that now that the truckers have completed the 40-Hour Hazwopper Training, TtFWI is trying to ensure that they have the rest of their qualifications in place -- pretty proactive of Neil and his team. Please see Neil Hart's note below.

Sincerely,

Mark

---

Greta,

Below is an email from the Navy where a group of truckers just finished 40-Hr Hazwopper training. There was a mix of people from each trucking firm in attendance. I would like you to once again start to pre-qualify each vendor on the list knowing they've only finished the 40-hour training, but probably have other pre-qual items they may or may not meet (ie. insurance, licenses, etc). Please give me a best-guess on how long do you think it will take to pre-qualify them. The following firms provided people from their company based on the attached list:

- Bighteen Trucking
- Mongoose Trucking
- Feely Trucking
- Al Curry Trucking (already pre-qualified)
- Harmon Trucking
- Big M Trucking

Thanks. Neil

# **HUNTERS POINT SHIPYARD MONTHLY PROGRESS REPORT**

**MAY 2004**

This monthly progress report (MPR) summarizes environmental restoration activities conducted by the Navy at Hunters Point Shipyard (HPS) during May 2004. This MPR is prepared in accordance with the HPS Federal Facility Agreement, Section 6.6. The MPR is presented in three sections: Section 1, Parcel Updates, summarizes key activities at each parcel completed during the past month and planned for the upcoming 2 months; Section 2, Schedule, identifies submittals, meetings, and field activities completed during the past month and planned for the upcoming 2 months; Section 3, Other, is intended for special announcements, changes in personnel, basewide issues, or other topics not included in Sections 1 or 2.

## **1.0 PARCEL UPDATES**

### **PARCEL B MAY 2004 ACTIVITIES**

- Continued post-injection groundwater monitoring for the Ferox injection treatability study at Building 123.
- Continued preparation of a construction summary report (CSR) addendum that will present information for excavations not included in the draft CSR.

### **PARCEL B JUNE 2004 – JULY 2004 ACTIVITIES**

- Continue post-injection groundwater monitoring for the Ferox injection treatability study at Building 123.
- Submit final work plan with responses to comments (RTC) for follow-on soil vapor extraction (SVE) treatability study work plan. Begin implementation of SVE work plan.
- Prepare and submit final annual/October – December 2003 quarterly groundwater monitoring report with RTCs. Prepare and submit draft January – March 2004 quarterly groundwater monitoring data package and field summary report. Conduct April – June 2004 quarterly sampling.
- Continue preparation of CSR addendum.
- Finalize human health and ecological risk assessment methodologies. Continue preparation of technical memorandum to support the record of decision (ROD) amendment (TMSRA). Conduct a storyboard meeting to discuss the TMSRA.

- Prepare and submit draft corrective action plan (CAP) addendum, pending receipt and resolution of agency comments.
- Perform groundwater sampling per basewide groundwater monitoring sampling and analysis plan (SAP).

#### **PARCEL C MAY 2004 ACTIVITIES**

- Continued anaerobic injections and groundwater circulation for sequential anaerobic/aerobic bioremediation treatability study in Building 134.
- Continued preparation of RTCs for the final Parcel C groundwater summary report.

#### **PARCEL C JUNE 2004 – JULY 2004 ACTIVITIES**

- Perform groundwater sampling per basewide groundwater monitoring SAP.
- Begin aerobic injections and continue groundwater circulation for sequential anaerobic/aerobic bioremediation treatability study in Building 134.
- Prepare and submit final work plan for sequential anaerobic/aerobic bioremediation treatability study in Building 134 with RTCs.
- Prepare and submit RTCs for the final Parcel C groundwater summary report.
- Prepare and submit final Dry Dock 4 water sampling work plan with RTCs. Implement work plan.
- Prepare and submit RTCs and supplemental information for underground storage tank (UST) closure request and documentation, pending receipt and resolution of agency comments.
- Prepare and submit final waste consolidation report.
- Prepare and submit draft work plan for follow-on zero valent iron (ZVI) treatability study at Building 272.

#### **PARCEL D MAY 2004 ACTIVITIES**

- Continue preparation of final action memorandum and work plan for time-critical removal action (TCRA).

#### **PARCEL D JUNE 2004 – JULY 2004 ACTIVITIES**

- Perform additional sampling per basewide groundwater monitoring SAP.

- Prepare and submit final TCRA action memorandum with RTCs.
- Prepare and submit final TCRA work plan with RTCs.
- Complete field work for Parcel D TCRA.
- Prepare RTCs and supplemental information for UST closure request and documentation, pending receipt and resolution of agency comments.

#### **PARCEL E MAY 2004 ACTIVITIES**

- Conducted storyboard meeting to discuss the Parcel E-2 (landfill) remedial investigation/feasibility study (RI/FS).
- Continued monthly gas monitoring at the industrial landfill. Submitted final March 2004 landfill gas monitoring report. Began preparation of final April 2004 landfill gas monitoring report.
- Began preparation of annual report for landfill storm water discharge management program (SWDMP).
- Submitted RTCs for the final Parcel E groundwater summary report.
- Continued operation of groundwater extraction system at industrial landfill.

#### **PARCEL E JUNE 2004 – JULY 2004 ACTIVITIES**

- Perform groundwater sampling per basewide groundwater monitoring SAP.
- Prepare and submit RTCs for draft landfill extent report.
- Prepare and submit RTCs for draft landfill cap removal action closeout report.
- Prepare and submit RTCs for draft landfill liquefaction potential report.
- Prepare and submit draft shoreline characterization technical memorandum.
- Prepare Investigation Remediation (IR) Site 02 removal action work plan (to be performed under the basewide radiation removal action).
- Prepare action memorandum and work plan for removal of soil containing polychlorinated biphenyls (PCB).
- Prepare and submit final landfill gas closeout report, pending receipt and resolution of agency comments.

- Record monthly storm water visual observations at the industrial landfill during rain events. Prepare and submit annual report for landfill SWDMP.
- Prepare and submit final waste consolidation report.
- Continue monthly gas monitoring at the industrial landfill. Prepare and submit final April 2004 and May 2004 landfill gas monitoring reports. Continue preparation of final January 2004 landfill gas monitoring report and final interim landfill gas monitoring and control plan.
- Prepare and submit data summary report for the standard data gaps investigation.
- Submit final metal reef/slag removal action site characterization work plan with RTCs. Begin implementation of work plan.
- Continue preparation of Parcel E-2 (landfill) RI/FS.
- Continue operation of groundwater extraction system at industrial landfill.

#### **PARCEL F MAY 2004 ACTIVITIES**

- Continued preparation of draft final validation study report with RTCs.

#### **PARCEL F JUNE 2004 – JULY 2004 ACTIVITIES**

- Prepare draft final validation study report with RTCs.

## **2.0 SCHEDULE**

This section presents meetings and deliverables conducted and planned during this reporting period.

<b>Activities Conducted</b>	<b>Date</b>
Submitted final March 2004 landfill gas monthly monitoring report	May 6, 2004
Submit RTCs for Parcels C and E final groundwater summary reports	May 11, 2004
Parcel E landfill RI/FS storyboard meeting	May 12, 2004
BCT monthly meeting	May 26, 2004
RAB meeting	May 27, 2004

<b>Activities Planned</b>	<b>Date</b>
Submit final April 2004 landfill gas monthly monitoring report	June 3, 2004
Submit draft work plan for follow-on ZVI treatability study at Building 272	June 14, 2004



Activities Planned	Date
BCT monthly meeting	June 23, 2004
RAB meeting	June 24, 2004
Submit final Parcel D TCRA action memorandum with RTCs	June 24, 2004
Submit final metal reef/slag removal action site characterization work plan with RTCs	June 25, 2004
Submit final work plan for sequential anaerobic/aerobic treatability study at Building 134	June 25, 2004
Submit final Dry Dock 4 water sampling work plan with RTCs	June 25, 2004
Parcel C feasibility study scoping meeting	July 1, 2004
Submit annual report for landfill SWDMP	July 1, 2004
Submit draft Parcels C, D, and E CAP (Revision 2)	July 2, 2004
Submit final Parcels C and E waste consolidation summary reports	July 6, 2004
Submit final follow-on SVE work plan with RTCs	July 7, 2004
Parcel B TMSRA storyboard meeting	July 14, 2004
Submit January to March 2004 groundwater monitoring data package/field summary report	July 14, 2004
Submit draft Parcel E shoreline technical memorandum	July 16, 2004
Submit RTCs for landfill extent report	July 16, 2004
BCT monthly meeting	July 21, 2004
RAB meeting	July 22, 2004
Submit final annual/October – December 2003 quarterly groundwater monitoring report	July 22, 2004
Submit landfill liquefaction potential report with RTCs	July 23, 2004
Submit data summary report for the Parcel E standard data gaps investigation	July 23, 2004
Submit final Parcel D TCRA work plan with RTCs	July 30, 2004

Note:

- Document submittal pending receipt and/or resolution of BCT comments

### 3.0 OTHER

- The Navy submitted the draft final HIRA volume II on February 25, 2004. The final HIRA is scheduled for submittal in August 2004, pending receipt and resolution of agency and public comments.
- The Navy submitted the draft basewide groundwater monitoring program SAP on December 18, 2003. The final SAP is planned for submittal in August 2004, pending receipt and resolution of agency comments. Additional monitoring wells were installed and the first quarter of groundwater sampling at Parcel B completed in March 2004. The second quarter of basewide groundwater sampling will begin in June 2004. The January to March 2004 groundwater monitoring report is scheduled for submittal on July 14, 2004.

- The Navy received concurrence from the Regional Water Quality Control Board (RWQCB) on the proposed process for evaluating petroleum hydrocarbons in soil. The final addendum to the Parcel B CAP is scheduled for submittal on July 16, 2004, pending receipt and resolution of RWQCB comments. The draft CAP (Revision 2) for Parcels C, D, and E is scheduled for submittal on June 25, 2004.
- The Navy submitted the draft final Parcel A Finding of Suitability to Transfer (FOST), Revision 2 on March 19, 2004. Additional radiological surveys are being performed in Building 322. The structure and slab foundation at Building 322 were removed during the week of June 21, 2004. The Navy is planning to submit the draft final FOST, Revision 3 in August 2004.



## **Basewide Zero-Valent Iron (ZVI) Injection Treatability Study Update**

Hunters Point Shipyard  
Restoration Advisory Board  
Meeting  
June 24, 2004

### **Overview**



- What are treatability studies?
- Zero-valent iron injection
- 2002 treatability study at Building 272 (Parcel C)
- 2003 treatability study at Building 123 (Parcel B)
- 2004 follow-on treatability study at Building 272 (Parcel C)
- Path forward

## Treatability Studies



- Provide site-specific data to evaluate cleanup alternatives
  - Test proven cleanup technologies to make sure they will work at this site
  - Allow for the use of new and innovative cleanup technologies
  - Contribute to a successful final cleanup
- Examples of treatability studies at the Shipyard include:
  - Soil-vapor extraction
  - Bioremediation
  - Zero-valent Iron injection

## What is Zero-Valent Iron?



- Zero-valent iron
  - Very high purity iron
  - Irregular shape provides high surface area
  - More surface area destroys more contamination



Magnified Photo  
Grains are the size of flour

## Zero-Valent Iron Delivered to Site



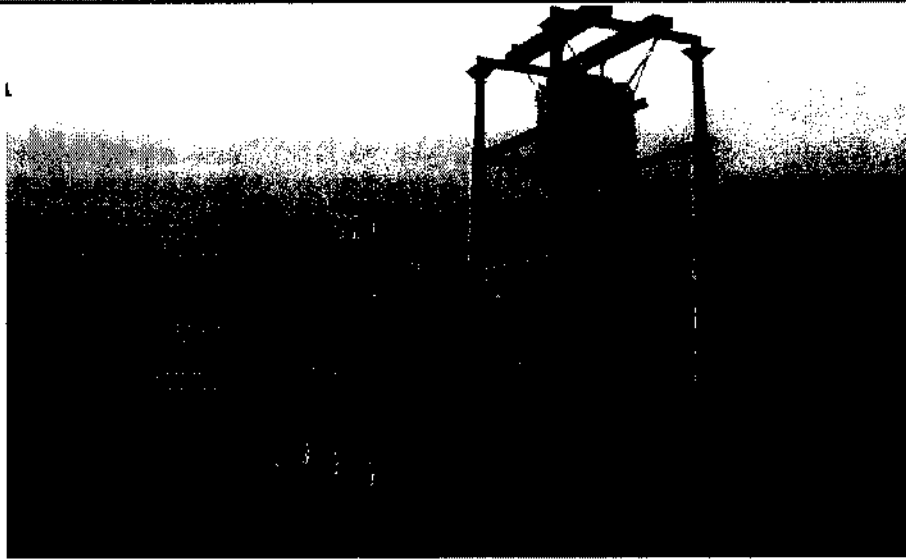
## Zero-Valent Iron Technology



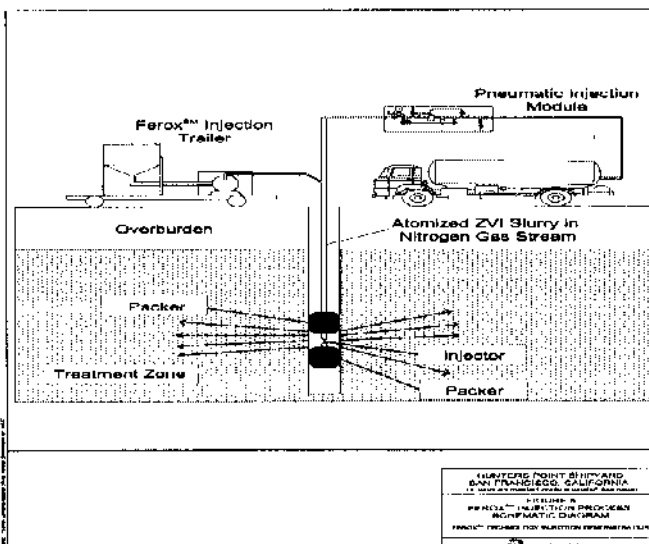
### •Zero-valent iron Injection process

- Drill a boring and inject nitrogen gas
  - Inject for 10-15 seconds
  - This creates pathways to the contamination
- Mix the iron with water
- After the nitrogen gas opens the pore spaces, iron mixture is added to the gas stream
- Iron mixes with the contamination in groundwater and breaks it down

## Mixing Zero-Valent Iron with Water



## Zero-Valent Iron Technology and Process



## Zero-Valent Iron Technology and Process



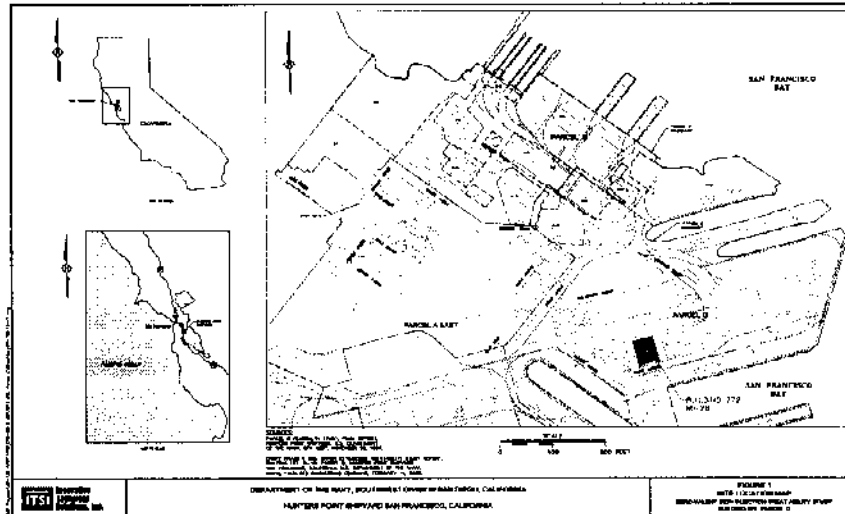
Pf.exe

## Zero-Valent Iron Technology and Process



Ferox.exe

## 2002 Treatability Study at Building 272



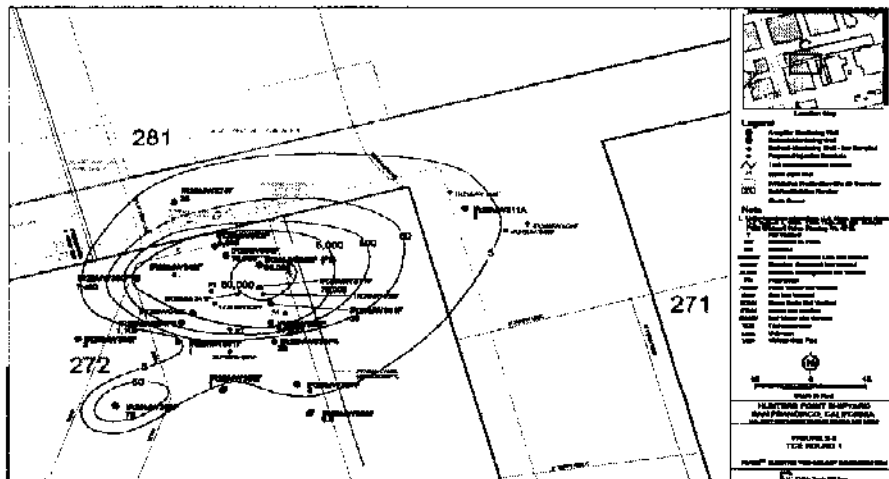
## 2002 Treatability Study at Building 272



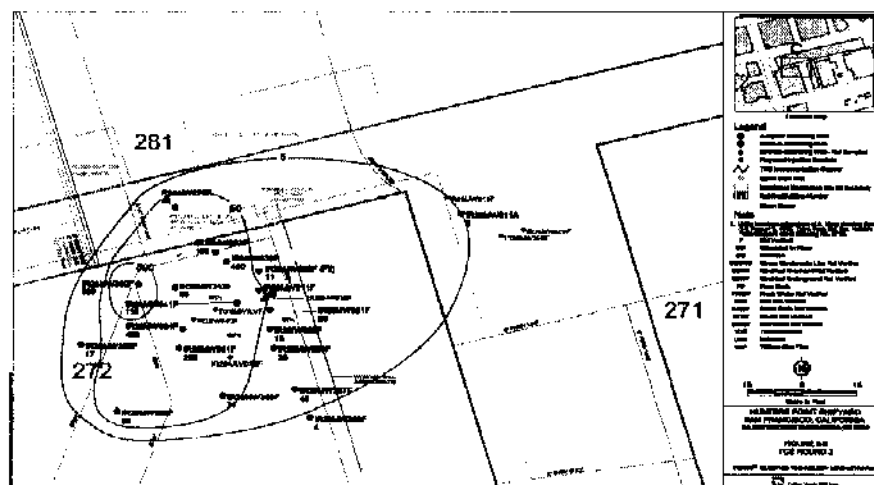
- Groundwater contamination beneath Building 272 (Parcel C)
- Contamination is primarily trichlorethene (TCE)
  - Potential sources include former underground storage tank, grease trap, floor drain, sumps, sump/dip tank area
- Project included:
  - Creating pathways to contamination and injecting iron in four boreholes
  - Groundwater sampling to show the decrease in contamination



## Before ZVI injection at Building 272



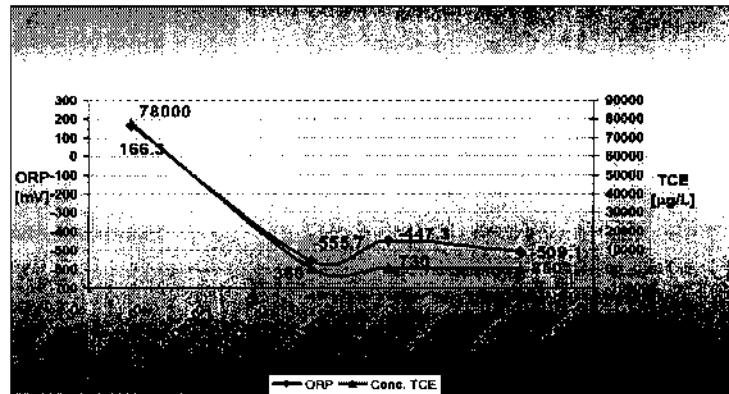
## After ZVI Injection at Building 272



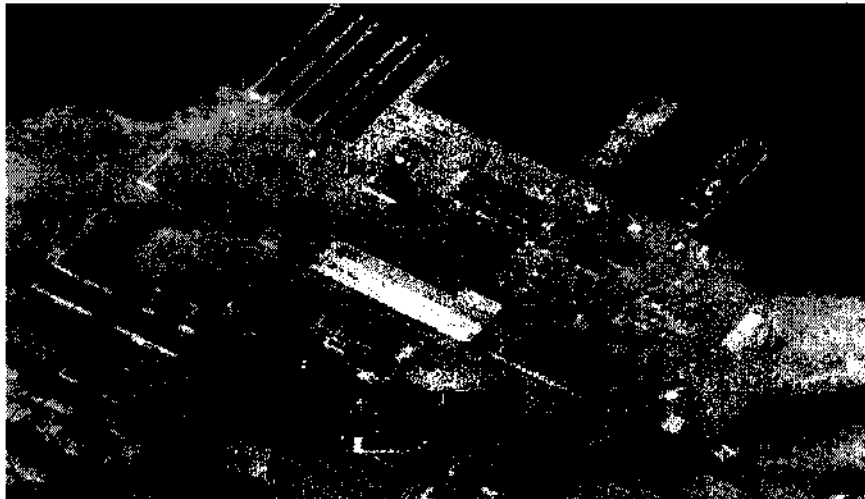
## Results of 2002 Treatability Study at Building 272



- Approximately 16,000 pounds of iron injected in four boreholes resulted in an average reduction of TCE across the site of 99.2%
  - IR28MW211F reduced from 78,000 ug/L to 850 ug/L in approximately four months



## 2003 Treatability Study at Building 123

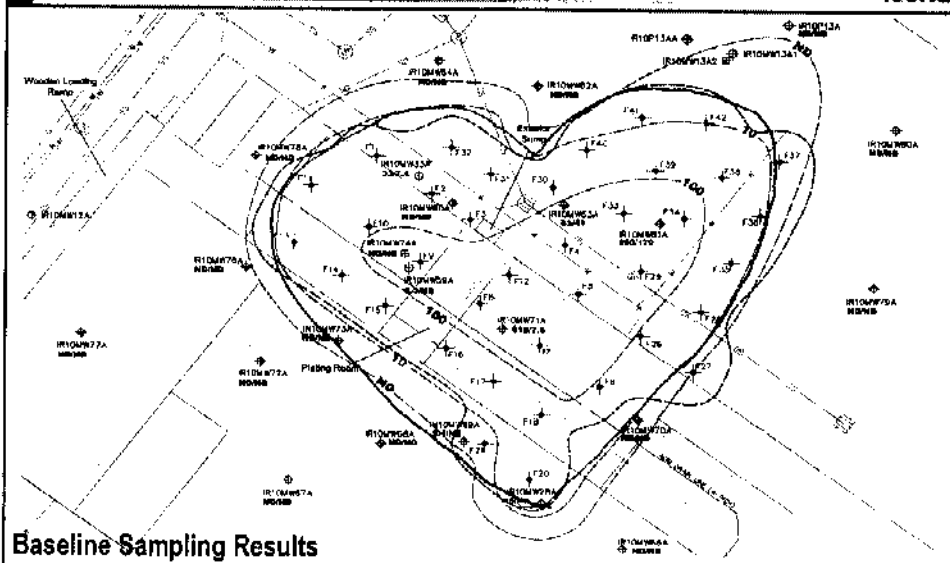


## 2003 Treatability Study at Building 123

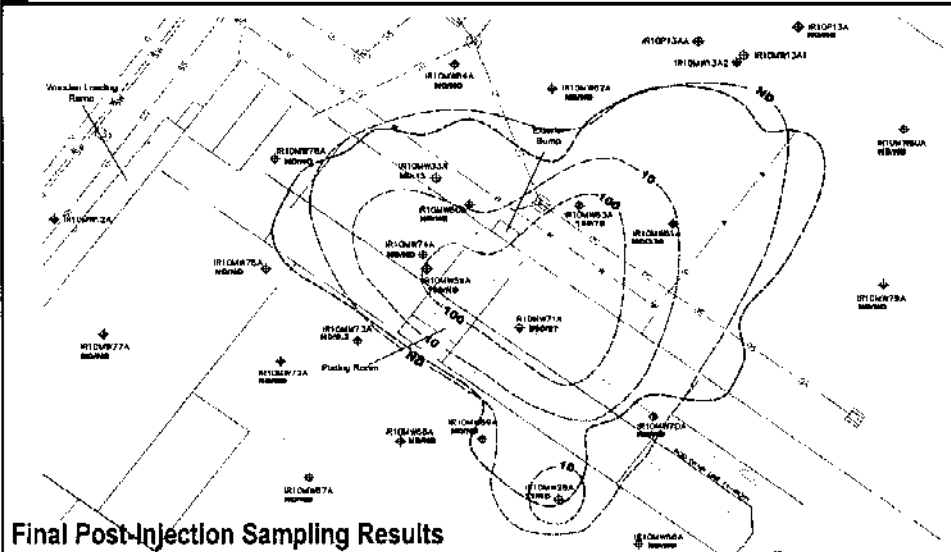


- Groundwater contamination beneath Building 123 (Parcel B), primarily TCE
  - This plume has much lower concentrations of contamination compared to Building 272
  - Possible source of contamination includes acid drain line in Building 123 (this has since been cleaned and grouted)
- Project included
  - Creating pathways to contamination and injecting iron in 37 boreholes
  - Groundwater sampling to show the decrease in contamination

## Before ZVI Injection at Building 123



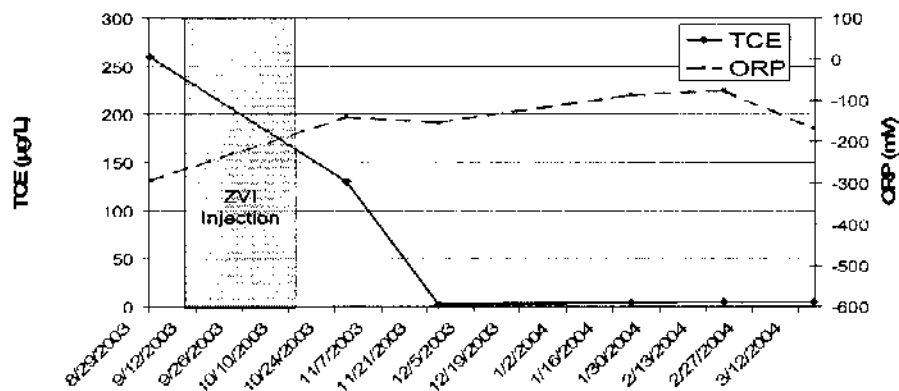
## After ZVI Injection at Building 123



## 2003 Treatability Study at Building 123



- Approximately 130,000 pounds of iron injected in 37 boreholes resulted in an average reduction of TCE across the site of 35%
  - IR10MW61A reduced from 280 ug/L to 5 ug/L in approximately six months

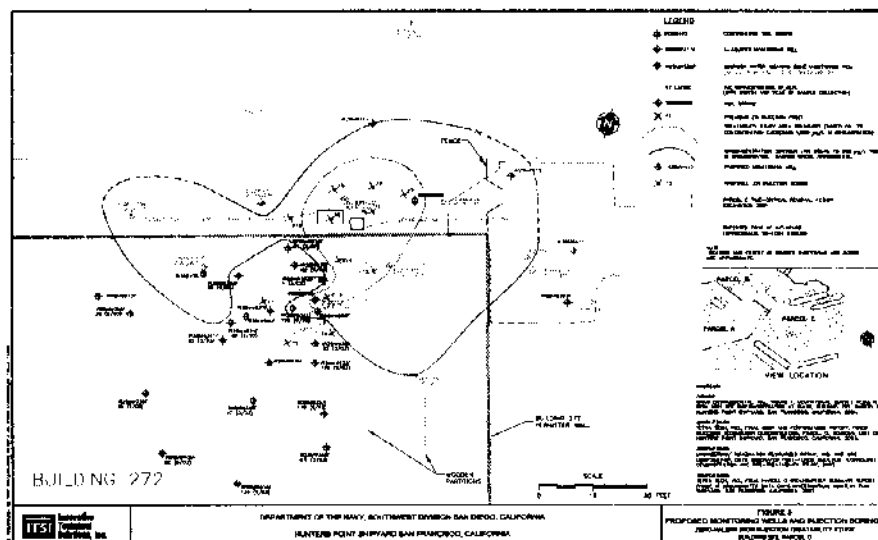


## 2004 follow-on treatability study at Building 272



- Lower levels of contamination remain after first study in 2002
- Experts from University of New Hampshire recommend multiple injections with smaller amounts of iron
- Follow on work includes:
  - Installing three new groundwater monitoring wells
  - Injection of iron in nine locations
  - Groundwater sampling to monitor decrease in contamination

## Current treatability study at Building 272



## Schedule of Anticipated Field Activities



- |   |   |
|---|---|
| • June 10th                                     | • Utility Clearance   |
| • June 14th                                     | • Submittal of Draft Workplan and SAP   |
| • June 15 <sup>th</sup> – 17 <sup>th</sup>      | • Field work kickoff meeting, baseline groundwater sampling (13 existing wells) |
| • June 17 <sup>th</sup> – 18 <sup>th</sup>      | • Monitoring well installation  |
| • June 21 <sup>st</sup> – 23 <sup>th</sup>      | • Well development and baseline sampling (3 new wells)                          |
| • June 28 <sup>th</sup> – July 23 <sup>nd</sup> | • Installation of ZVI injection borings   |
| • Week of August 9 <sup>th</sup>                | • Post-ZVI groundwater monitoring – Rnd 1                                       |
| • Week of August 30 <sup>th</sup>               | • Post-ZVI groundwater monitoring – Rnd 2                                       |
| • Week of October 11 <sup>th</sup>              | • Post-ZVI groundwater monitoring – Rnd 3                                       |

## Path Forward



- **Results from treatability studies help team evaluate cleanup alternatives**
- **Select method for cleanup and incorporate into a Record of Decision (ROD)**